

Scope

W6NWG
Palomar Amateur Radio Club Inc.
POST OFFICE BOX 1603, VISTA, CALIFORNIA 92085-1603

W6NWG/R => 148.730- & 448.425-
KABUAI/R 147.130+[Patchee-2]

145.050(Pkt)[NET/ROM NODE] W6NWG-1,"PALMAR"
WABIPD/R 148.175+[Patch]

PARC 448.000(s)
220 Club SD W6HFR/R 224.800-

VOL XXVI, NO.9

SEPTEMBER

1991

55 YEARS

September 4th meeting(1st Wed) is at Lincoln Middle School Cafeteria in Vista. 1-5 or I-15 to Rd.78, Escondido Ave(Sunset) ramp, north on Esc.Ave, after 2nd light between Eucalyptus and E.Vista Way. Talk in .730.

H A M C A L E N D A R

Sep 4 Wed - PARC Club Meeting
 Sep 7 Sat - 3rdARRL Awareness Day
 Sep 12 Thu - PARC Executive Mtg.
 Sep 14 Sat - NO PARC VE Test*****
 Sep 20 Fri - SCOPE info deadline
 (Send calendar items to W9FQN)

C O N T E N T S

Executive Meeting, del pres . 2
 1990-91 PARC Club Roster 3,4,5,&6
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L A S T C L U B M E E T I N G

The August 7th program consisted of Scottie-KH6TL and Nelson Petrey talking about EVAC (Emergency Volunteer Air Control) and showed a VCR tape on the subject. Stan talked about the autopatches and Jerry-WB6FMT, the club's autopatch guru, displayed the new autopatch link unit along with the first of three remote links to telephones in

San Diego County. The communications room (180) used for ARES and RACES was available for our inspection after the meeting.

Attending were a record number of 88 members and 20 guests (total 108) who enjoyed the coffee and goodies. We were very impressed with the youth group that attended:

Scott Earl . . . KC6WRK San Diego
 Jeanine Earl . . . KC6WRI San Diego
 Nicole Steinwedell KC6YZP Vista
 Jennifer Thieme . pending Vista
 David Pressman . KC6VMR Del Mar
 Chris Allen . . . KC6QOJ Encinitas
 Elizabeth Childers wrking PalomarMt

Their ages varied from Scott (7) to the OM David (13). All the calls are Techs so if you have any children be sure to "encourage" them to join the group...woops, Chris-KC6QOJ just passed his General ..and now his Advanced!!!

Jack-KI6JM supervised the coffee in the absence of Art-KB6YHZ who has had other obligations on Wednesdays these past few months. THE GOODIE TABLE NEEDS GOODIES SO WHY NOT BRING SOMETHING FOR NEXT MEETING. Thanks.

N E X T C L U B M E E T I N G

Our next club meeting will be September 4th at 7:30pm in the Lincoln Middle School Cafeteria on Escondido Avenue in Vista. The program will be by Chip-KC600E, chief op at MARS station, with a working demonstration of AMTOR which many amateurs believe is still better than packet for HF contacts although he will make comments on RTTY and Packet operation. Chip will have on display: JF mobile rig, VHF 2m HT, Terminal Node Controller (TNC), laptop computer, JF tuner, portable antenna, and 12VDC power supplies (no AC).

W A N T t o B E a H A M ? (or Dial-a-Ham)

If you or a friend are interested in becoming an amateur radio operator and in joining the Club, please contact one of the following ELMERS for more information or use the application form on the back of this issue:

VALLEY CENTER . Stan Rohrer . W9FQN
 (President, Editor(temp) 749-0276)
 VISTA . . Jack Hanthorn . . KI6JM
 (Vice-President, 598-0420)
 BONSALL . . Nash Williams . . W6HCD
 (Secretary, 728-3574)
 CARLSBAD . Benton Caldwell . KK6LX



(Treasurer, 729-5161)
 E\$CONDIDO . . Jo A\$hley . . KB6NMK
 (Membership Chairwoman, 741-2560)
 CARDIFF: Duane Stedman:WB6R:753-4821
 CARLSBAD:EleanoreCall:N6QJE:729-0850
 ChulaVista:SteveGrant:N6RUV:422-4415
 DEL MAR:GerrySanford:KC6BJM:755-5244
 ENCINITAS:DaveCopley:WA6HQM:753-2605
 FALLBROOK:ArtRideout:WA6IPD:728-6834
 La MESA: Roger Jaffe :N6UW:697-6025
 LAKESIDE:Mac McBride:WB6GXR:561-2211
 LEUCADIA: Bud Lincoln:KG6VX:436-9983
 LinVistaPaulWilliamson:KB5MU:571-8585
 MIRA MESA: Ron Earl :W6TXK:566-1959
 OCEANSIDE:LarryGugle:KC6PEN:439-4109
 OCEANSIDE: Lloyd Hunt:W6TFB:757-9374
 PAUMA-PALA:Mark Ross:KC6CZD:742-1539
 PointLom:MickMcDaniel:W6FGE:222-3912
 POWAY:MarkSchlesinger:N6NNI:748-8391
 RAMONA: Vernon Leming:AA6UU:789-3070
 RanchoPen:John Tentor:W6QLD:672-3891
 RanchoS.Fe:RonWilhelmy:WI6B:756-3133
 S.D.:Dennis Vernacchia:N6KI:271-6079
 SanMARCOS:FloydHarvey:W6JSP:741-8391
 SanMARCOS:RustyMassie:AA6OM:747-5872
 SolanaBe:LouBroadbent:N6CKQ:755-9179
 VISTA: Jerry Houser :WB6FMT:758-4388

***** EXECUTIVE MEETING

8-15-91 DISCUSSED: club \$\$ & SCOPE costs; programs; nomination committee; K6HAV; N6KI & autopatch; preambles on nets; fairness of attendance tickets with suggestions to be considered at next Exec meeting before being brought before the club with decision probably being retro-active to beginning of club year; answering machines; new repeater control location; new repeater building and KC6PAS drawn plans; changing PARC box number to "73" from "1603."

APPROVED: next exec mtg at KI6JM's QTH; Sept. AMTOR program; \$180 phone filter; constitution to be published again; N6KI FD bash \$100; effective date of meeting (8-15-91) SCOPES (without membership) will only be sent out of County unless approved

by the Executive Committee; \$150 for autopatch antennas; \$100 for W6NWG IDers; new stationary; HANDI-HAMS donation of \$25.

IN ATTENDANCE: (officers) Stan-W9FQN, Jack-KI6JM, Nash-W6HCD, and Benton-KK6LX; with Jo-KB6NMK (Membership). The July meeting was at Jack-KI6JM's QTH and we all enjoyed the goodies. The September 12th meeting will be at Jack-KI6JM's QTH.

 ## del P R E S I D E N T E #4 ##
 ### (after #4 comes #3!) ###
 ### (and temporary editor) ###

John-WB6IQS left for RUSSIA at the beginning of August and according to the information he left with me, HE WAS IN MOSCOW DURING the COUP and I have no way of checking on where he is at present. Because of the way everything turned out, I hope that their group decided to stay in MOSCOW for the big party although I am sure that they all wondered if they were going to get out of Moscow alive. He is scheduled to be back among us at the end of August.

WELCOME HOME JOHN!

- BK -

The Executive Committee has decided that the SCOPE will no longer accept subscriptions going to amateurs with licenses in the San Diego Co. area unless they are full members of the club. We will continue sending to certain non-members, officials, advertisers, and club exchanges. This new policy will take affect as of the last executive committee meeting.

- BK -

This month we welcome a new advertiser from 9-land, Gene-WB9COY. Gene makes 2m, 220, and 450 antennas for the commercial market. We will be using his antennas in our

autopatch system. Gene's 9-land call is from Chicago and about 90 miles from my home town in Indiana (Wakarusa ..near South Bend, Ind.). Wakarusa is an Indian name for "knee deep in mud." Many of the new HT's and mobile rigs are dual banders so you will probably find a 450 MHz beam is a good thing to use in accessing those "far away" 450 repeaters. Four feet of beam can be hid almost anyplace in a condo or on a balcony. His antennas can be seen and purchased at HRO. I will try to bring one to the next meeting for members to see.

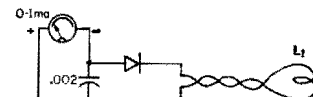
- BK -

By the end of this year I will have chaired 84-2 club meetings and 84-1 executive committee meetings. One of the good things about not being president is that I will be able to meet more of the club membership on a one-to-one basis at club meetings which I was not able to do as president ...also I will get a chance to try some of those low-cal cookies that I have been missing out on these past seven years.

73, Stan W9FQN



*****+ SK *****+
 # - W A 6 M Y C - #
 #
 # AL LEVON passed away July 15. #
 # He was an avid ham radio operator, #
 # or, mechanical engineer, and a #
 # marine photographer in China. He #
 # will be greatly missed by all #
 # who knew him. #
 *****+ SK *****+
 # - W 6 T Z V - #
 #
 # HAL CRISPELL, a long time PARC #
 # member passed away last month. #
 # Hal was noted for his work with #
 # Electro Magnetic Interference #
 # and left extensive files on it. #
 *****+ SK *****+



—A simple r.f. indicator can be made as shown above. Inductor L₁ is 2 turns of hookup wire with the leads twisted right up to the meter.

Amateur Radio
 A NATIONAL RESOURCE



NOCPS PASCHKE, VERN	789-9706	1539 KEYES RD	RAMONA, CA	92065	KB6EPD JOHNSON, ERIC	P.O. BOX 996	IMPERIAL BEACH, CA	91933
K808BX JOHNSTON, GORDON		LAKE OF OZARKS HOME	ELDON, MO	65026	K8ERM INSKIP, CHAS. G.	589-0636 2375 WHITE WING DR.	JAMUL, CA.	92035
W00BLW MONTES, C. M. "JACK"	728-0258	244 N. STAGECOACH LN.	FALLBROOK, CA.	92028	W4GES6 CASTAGNA, ED	726-5236 273 MAR VISTA DR.	VISTA, CA.	92083
NOEVV PASCHKE, MARY	789-9706	1539 KEYES RD	RAMONA, CA	92065	NH6EW MC CARTHY, MAC	945-7391 2729 THUNDER DR.	OCEANSIDE, CA.	92056
NOLYN ARMITAGE, LEE D.	586-1116	10045 WALDGROVE PL	SAN DIEGO, CA	92131	W6EYP LINCOLN, WARREN	744-5097 1286 DISCOVERY ST SP88	SAN MARCOS, CA.	92069
WBOYCO KIRSCHNER, B.	722-5394	266 CARISSA DR.	OCEANSIDE, CA.	92057	N6FMK BOWEN, BILL	941-9492 484 VALERIE DR.	VISTA, CA.	92084
W4IC50 SILVEIRA, JOSEPH A.	846-2272	3 SQUAMITUM COURT	MIDDLETOWN, RI	02840	W6GFT HOUSER, JERRY L.	758-4388 1073 CYPRESS DR.	VISTA, CA.	92084
KUIY FENSTERMACHER, BRUCE (TED)	945-5929	1625 TARA KIN LN	VISTA, CA	92083	K4GFP5 ROHRER, BARBARA	749-0276 30311 CIRCLE R LANE	VALLEY CENTER, CA.	92082
W4IZEN AMES, TIMOTHY E.	469-7357	6542 BANTAM LAKE AVE.	SAN DIEGO, CA	92119	W6FTV FALLS, EDWARD L.	728-2729 3352 CANONITA DR.	FALLBROOK, CA.	92028
W2AUO SHAUT, STANLEY		12850 CAMINO D LA BRECCIA	SAN DIEGO, CA.	92128	W6GFW JOHNSON, DON J.	758-4187 3140 LINCOLN ST.	CARLSBAD, CA.	92008
W2B2ZH MADRICK, DAVID S.		84-57 126th STREET	KEW GARDENS, NY	11415	KK6FX BROWN, JIM	758-4794 3201 MIRA MESA AVE.	OCEANSIDE, CA.	92056
W212CH HATEM, RICHARD "RICK"	434-3770	2741 BERKELEY AV	CARLSBAD, CA	92008	W6FXL GOEPFINGER, ALBERT	745-4436 2161 SUNSET DR.	ESCONDIDO, CA.	92025
W2HRM NIELE, STEVE	451-5690	12699 SENDA ACANTILADA	SAN DIEGO, CA	92128	K8GFX BELFIELD, SCOTT P.	487-7005 17083 ABRA WAY	SAN DIEGO, CA.	92128
A2EU BREDINUS, MICHAEL J.	692-0953	955 HARBOR ISLAND DR #145	SAN DIEGO, CA	92101	KC6GFY HAFNER, JANET	727-4078 1946 MONTE VISTA DR	VISTA, CA	92084
W43AAJ WARD, JAMES M.	484-3110	13587 PASEO CARDIEL	SAN DIEGO, CA	92129	W4GGGS MEADOWS, JACK R	487-5298 17010 HIERBA DR	SAN DIEGO, CA	92128
W3ARU ZIEGLER, PETE	943-8005	3482 SITIO BORDE	CARLSBAD, CA	92009	W6GMD CAREY, RICHARD	224-9300 4003 ORCHARD AVE.	SAN DIEGO, CA.	92107
K3FWT DI VECCHIO, MARK C.	566-6810	10435 MOUNTAIN GLEN TER.	SAN DIEGO, CA.	92131	K4GGHE PATCHEL, JUDITH	581-2628 3634 JENNIFER ST.	SAN DIEGO, CA.	92117
W43HNC TOTH, ALAN T.	724-2797	1015 ROSE DR.	VISTA, CA	92083	K16GI HOY, TIM	469-2920 P.O. BOX 3734	LA MESA, CA.	92044
W43IHV REICHMAN, ROBERT T.	740-9550	3020 RANCHO DEL SOL	ESCONDIDO, CA	92025	W4GGID GRAHAM, THOMAS	940-0415 3721 SKY HAVEN LANE	OCEANSIDE, CA	92056
K3PII RUMYON, TERRY S.	726-0595	108 HAMMALEI DR.	VISTA, CA.	92083	N6GJW FOLSON, RUSSEL A.	789-8348 16266 ARENA DR.	RAMONA, CA.	92065
N4AWF ENOCHS, GARY D.	678-8875	22843 KUKA CIRCLE	WILDOMAR, CA	92395	K8B6KE MORRIS, R. S. (STEVE)	433-4269 1224 S. PACIFIC ST #11	OCEANSIDE, CA	92054
KE4EY FLEISCHMANN, WM. (BILL)	759-1947	P O BOX 3908	RANCHO SANTA FE, CA	92067	N6GNB FAHNESTOCK, ALBERT U.	741-1840 1499 E. WILSON AVE.	ESCONDIDO, CA	92027
W4NYU GATES, HOWARD W.	363-7196	2617 S DURANGO DR #101	LAS VEGAS, NV	89117	N6GOS BECK, DONALD R.	756-2726 P.O. BOX 2372	RANCHO SANTA FE, CA.	92067
W4YQU DRAN, SAMUEL	726-2003	2361 VIA SUBRIA	VISTA, CA.	92084	K4G6RG CALVERT, CHUCK	726-2612 1570 GOODWIN DR.	VISTA, CA.	92084
K6SFR ALBRECHTSEN, LOUIS	941-0725	845 HAMPTON CT.	VISTA, CA.	92083	KC6GVH KINNEY, LYLE C.	756-2331 P.O. BOX 1112	RANCHO SANTA FE, CA	92067
NSHTC WEBER JR., CHARLES E.	273-0406	5264 SOLEDAD RD	SAN DIEGO, CA	92109	N6GW WENZ, GORDON	222-5575 1055 BANGOR ST.	SAN DIEGO, CA.	92106
K8SMU WILLIAMSON, PAUL T.	571-8585	5331 CHAMNING ST	SAN DIEGO, CA.	92117	N6GWJ FAHNESTOCK, NICKY	741-1840 1499 E. WILSON AVE.	ESCONDIDO, CA.	92027
NSMLV WEBER, CHARLOTTE	273-0406	5264 SOLEDAD ROAD	SAN DIEGO, CA	92109	W6GGR MC BRIDE, WILLERT "MAC"	561-2211 9493 EMERALD GROVE AVE.	LAKESIDE, CA.	92040
K4S9 SEALS, KEN	944-7373	1521 JUNIPERHILL DR.	ENCINITAS, CA	92024	N6GZJ ROSS, ED	297-7758 1419 GOLDEN GATE DR.	SAN DIEGO, CA.	92116
W6GAHV REMINGTON, TODD	724-4079	31932 DEL CIELO ESTS. #12	BONSALE, CA	92003	K6HAV CROSSMAN, RALPH	328-2318 697 N. DE SOTO ST.	SALT LAKE CITY, UT	84103
W6GAHW DEWEY, WM. H. (BILL)	728-6912	4878 SAN JACINTO CIRCLE	FALLBROOK, CA.	92028	W6HC HODGSON, CHARLES	272-9778 P.O. BOX 178374	SAN DIEGO, CA.	92117
K6BAI ROWLETT, GUY	229-9071	3233 W LINCOLN - #125	ANAHEIM, CA	92801	W6HCD WILLIAMS, A. NASH	728-3574 32001 VIA ARARAT DR.	BONSALE, CA.	92003
N6AMD HARLAND, RAY	746-4584	2602 MARY LANE	ESCONDIDO, CA.	92025	W6HFE RANNE, FRANK B.	757-9365 331 REDONDO DR.	OCEANSIDE, CA.	92057
K6BARS SWENSON, GEORGE A.	569-0993	6460 CONVOY CT. #115	SAN DIEGO, CA.	92117	W6HFI NORMINGTON, PHILLIPP B.	724-4736 1302 HERMANA CT.	VISTA, CA.	92084
AB6AR YOSHIDA, TOMOAKI	457-9887	8993 COVINA ST.	SAN DIEGO, CA	92126	W6GHV BROCK, MIKE	566-3799 10230 MAYOR CIRCLE	SAN DIEGO, CA	92126
K6GAST ARBUTHNOT III, G. LANE	788-1408	24717 EL SEBO PLACE	RAMONA, CA	92065	KE6HI BOURHENNE, ALMA J.	753-2542 2025 CAMBRIDGE AVE.	CARDIFF BY THE SEA, CA	92007
N6AT CASSEN, FRANKLIN	728-8003	3909 RECHE RD. SP-22	FALLBROOK, CA.	92028	W6HLB CRAIG SR., JOE	757-1272 412 S. BARNWELL ST.	OCEANSIDE, CA.	92054
W16B WILHELMY, RON	756-3133	P.O. BOX 2448	RANCHO SANTA FE, CA.	92067	N6HLY BALL, CARL LEWIS	487-6272 16718 DIEGO DR.	SAN DIEGO, CA.	92128
N6BA MC CULLOUGH, LEO F. "MAC"	729-2639	3500 CATALINA DR	CARLSBAD, CA.	92008	W6GMY LA POINTE, JOE	722-6054 188 EVERGREEN PKWY.	OCEANSIDE, CA.	92054
N6BAD REBER, JOHN	453-4952	5968 TULANE ST.	SAN DIEGO, CA.	92122	KC6HPY MONTHEI, H. E. "GENE"	723-8368 1238 E. MISSION RD.	FALLBROOK, CA	92028
W6BAW BOWLEY, JOHN R.	941-3283	4979 GABRIELIENO AVE.	OCEANSIDE, CA	92057	W4GDM COPELY, DAVE	753-2605 1727 GREENTREE RD.	ENCINITAS, CA.	92024
W4G6BJ BENSON, THEODORE "TED"	944-0639	426 FULVIA DR	ENCINITAS, CA	92024	W6GDSZ CAMPBELL, JOHN R.	724-1764 324 EAST DR.	VISTA, CA.	92083
W4G6BEZ GONSETT, JUDY	723-2700	2685 ALTA VISTA DR.	FALLBROOK, CA	92028	W6HTT SCHMIDT, GLENN A.	727-4004 425 ESTRECIITA DR.	VISTA, CA.	92084
KE6BH COUNTRYMAN, BILL	757-2520	MACDONALD ST.	OCEANSIDE, CA.	92054	KC6HTZ SAUF, WILLIAM J.	587-1201 8795 H GILMAN DR.	LA JOLLA, CA	92037
KC6BHE WAGNER, MICHAEL J.	488-2428	1518 YOST DR	SAN DIEGO, CA	92109	W6HM BELSGARTNER, VERN	3760 OLDS RD. SP-86	OXNARD, CA.	93030
W6BHF DOBLER, RAY	487-4423	17142 CLUQUOT CT.	POWAY, CA.	92064	W4GHY PUGH, DANIEL C.	433-4445 4600-125 N. RIVER RD.	OCEANSIDE, CA.	92057
W6BIH TUPANCY, OSCAR		32001 CHERRY HILL #628	WESTLAND, MI	48185	W4GHYC WATT, WM. D. "BILL"	439-8814 1733 S. DITMAR ST.	OCEANSIDE, CA.	92054
KC6BIM ANDERSON III, WM. J. (BILL)	487-5044	11311 CALENDRA RD	SAN DIEGO, CA	92127	K6HZ YACABUCCI, JAMES E.	223-3927 5015 SANTA CRUZ AVE #211	SAN DIEGO, CA.	92107
KC6BJM SANDFORD, GERRY M.	755-5244	2734 CAMINITO VERDUGO	DEL MAR, CA.	92014	K4G6ZF HOOVER, ROBERT	727-5414 1875 MONTE VISTA DR	VISTA, CA	92084
W6BLI WILLIAMS, JACK	729-5318	3820 MARGARET WY.	CARLSBAD, CA.	92008	K61CG CARRY, EDWARD	582-7318 5844 KENT PL.	SAN DIEGO, CA.	92120
W6BLZ GLIMPSE, ART	758-2049	245-B1 W. BOBBER DR	VISTA, CA	92083	N61CH BROWN, THOMAS F.	433-7600 4433 KITTIWAKE WAY	OCEANSIDE, CA.	92057
W6BRF MC CLUSKEY, PAUL		1718 BELLE MEADE RD.	ENCINITAS, CA	92024	N61E FERRANTO, FELIX	277-8587 7280 TAIT ST.	SAN DIEGO, CA.	92111
W6BRX BROUILLET, PAUL	745-8070	3131 MARY LANE	ESCONDIDO, CA.	92025	K61I HOLM, EDWARD A.	726-4333 1851 ALTA VISTA DR.	VISTA, CA.	92084
W6BVU HUGHES, ROBERT	578-0744	9917 AVIARY DR.	SAN DIEGO, CA	92131	KK6IL KOLB, JOHN	789-6015 540 S. KALBAUGH ST.	RAMONA, CA.	92065
KK6CA MILLER, RAYMOND	728-3179	4658 S. MISSION RD.	FALLBROOK, CA.	92028	W6INI SMITH, ARTHUR R.	273-1120 4515 MELISA WAY	SAN DIEGO, CA.	92117
KK6CD SIMPSON, BRUCE E.	489-5769	1633 TOWELL LANE	ESCONDIDO, CA.	92029	W4GINL DAU JR., WALTER K.	487-5249 12886 CIRCULO D'ARDO	SAN DIEGO, CA.	92128
N6CKQ BROADBENT, LOUIS C.	755-9179	976 SANTA ESTELA	SOLANA BEACH, CA.	92075	N6INN CROSSMAN, PAT	328-2318 697 N. DE SOTO ST.	SALT LAKE CITY, UT	84103
KK6CM HARPER, JAMES H.	483-1648	5142 PROVIDENCE RD.	SAN DIEGO, CA.	92117	W6GIOV LOWELL, RUSSELL A.	436-6714 7507 QUINTA ST.	CARLSBAD, CA.	92009
N6COU WHIPPLE, BILL	758-7163	1605 WAGON WHEEL DR.	OCEANSIDE, CA.	92057	W4GIPD RIDEOUT, ART	728-6834 2235 GUM TREE LN.	FALLBROOK, CA.	92028
K6CFF WOODBRIDGE, ED	727-3322	3304 SILVER OAK LN	VISTA, CA	92084	KC6GIM KIRK JR., HARVEY O.	724-4872 933 S SANTA FE AV #C	VISTA, CA.	92083
K6G6Q GRISWOLD, CHAS. D. "CHUCK"	720-9852	3952 JEFFERSON ST.	CARLSBAD, CA	92008	W6G1QS KUIVINEN, JOHN	724-8380 P.O. BOX 1466	VISTA, CA.	92085
N6CQF ROSKY, DAVID S.	753-6578	1853 HAWK VIEW DR	LEUCADIA, CA	92024	W6IRM INSKIP, CHAS. C "CHUCK"	722-2201 631 S CLEMENTINE ST	OCEANSIDE, CA.	92054
W6GCSH HAMANN, MICHAEL A.	283-2447	6665 MISSION GORGE RD -B4	SAN DIEGO, CA	92120	N6ISC LACKEY, PAUL	727-8777 155 S. LAS FLORES #76	SAN MARCOS, CA.	92069
K6CV BASTON JR., JOSEPH G.	484-7035	8733 ELFOR COURT	SAN DIEGO, CA.	92129	W6IUG WEST, RICHARD D.	566-7089 10711 CHARBONO TER.	SAN DIEGO, CA.	92131
AM6CW MONDALA, PHILIP R.		2134 PARADISE HILLS RD	SAN DIEGO, CA	92114	W4IWK PATCHEL, HERBERT O.	581-2628 3634 JENNIFER ST.	SAN DIEGO, CA.	92117
KC6CZO ROSS, MARK W.	742-1775	1835A S CNTR CITY PKWY	ESCONDIDO, CA	92025	W61ZK HALE, WAYNE	471-2983 1208 JADE PLACE	SAN MARCOS, CA.	92069
K8G6DR MAHONEY, BETTY J.		1066 ALVARADO DR.	MAPLEWOOD, MN	55109	W61ZS HICKMAN, RAY F.	466-4702 6818 ROLANDO KNOLLS DR.	LA MESA, CA.	91941
W6DNX LANGJAHN, CARL	726-4010	4644 CORDOBA WY.	OCEANSIDE, CA.	92056	N61ZW BANKE, KERRY	462-2220 6026 POPPY ST.	LA MESA, CA.	92041
W6DDC SALZARULO, MARK	945-1367	5649 ROANE DR.	OCEANSIDE, CA.	92057	N6CJ CHAMBERS, ROBERT A. "BOB"	560-4560 2247 W. JEWETT ST.	SAN DIEGO, CA.	92111
W6DSC WHEELER, DUANE W.	747-0539	P.O. BOX 1989	ESCONDIDO, CA	92033	K6GJA BERG, PETER	729-8408 P.O. BOX 4207	CARLSBAD, CA.	92008
K8G6DSC BRUIN, BETTY B	277-7142	5573 MT. ACARA DR.	SAN DIEGO, CA.	92111	K16JM HANTHORN, JACK E.	598-0420 1211 HIDDEN OAKS TRAIL	VISTA, CA.	92084
W6DUR WAGNER, ROBERT G.	273-0789	3077 JUTLAND COURT	SAN DIEGO, CA.	92117	W6JRD HUCKABAY, WALT	722-3248 1047 SHAFFER ST.	OCEANSIDE, CA.	92054
W6DVZ RUGG, JIM	630-4386	2333 CATALINA AVE.	VISTA, CA	92084	W6JSP HARVEY, FLOYD	741-8391 1195-33 LA MOREE RD.	SAN MARCOS, CA.	92069
W4G6DYV SWADER, JOHN B. "JACK"		1455 S. ALTURAS SP# 118	FALLBROOK, CA.	92028	W6JVS ROUSE, HARRY A.	757-2260 328 CROUCH ST.	OCEANSIDE, CA.	92054
A4GEE HEISE, DUANE	789-3674	16832 WHIRLWIND LANE	RAMONA, CA	92065	W4GJIE KELLOUGH, DON S.	943-0833 256 CAMINO DE LAS FLORES	ENCINITAS, CA	92024
					N6JZB COOK, WALLY	278-4767 5663 BALBOA AVE - #187	SAN DIEGO, CA	92111

K6GKQ DOYLE SR., MIKE	742-1573 PALOMAR OBSERVATORY	PALOMAR MOUNTAIN, CA	92060	K6GPAR KIRKES, DIANE	742-1693 P.O. BOX 184	PALOMAR MOUNTAIN, CA	92060
N6KI VERNACCHIA, DENNIS	271-6079 8993 COVINA ST.	SAN DIEGO, CA.	92126	K6GPAS KIRKES, JIM	742-1693 P.O. BOX 184	PALOMAR MOUNTAIN, CA	92060
K6GAPP GRAHAM, EARL KMGDC	748-3608 14338 LOUETTA LANE	POWAY, CA	92064	K6GPCF PARKER, MARNI	272-1409 4166 TAOS DR.	SAN DIEGO, CA.	92117
N6KTE KRIST, R.F.	941-3555 222 HAMTHORNE CIRCLE	VISTA, CA.	92083	N6PDZ BARKER, FRED	726-2616 1341 PHILLIPS ST.	VISTA, CA.	92083
N6KVV WONG, DENNIS	10601A TIERRASANTA RD 162	SAN DIEGO, CA	92124	N6PEA BARKER, MARY	726-2616 1341 PHILLIPS ST.	VISTA, CA.	92083
N6KXD BLAIS, PHILIP L.	12691 KESTREL ST.	SAN DIEGO, CA	92129	K6GPEW GUGLE, LARRY E.	439-4109 690 HOLLOWGLEN RD	OCEANSIDE, CA	92057
A6KY DUTCHER, DAVID	8466 ABILENE TER	LA MESA, CA	91942	A6GPN CURRIER, RICHARD E.	271-8326 10880 POINTED OAK LANE	SAN DIEGO, CA	92131
N6KZN HEITGER, ROBERT L.	69-411 RAMON RD #1046	CATHEDRAL CITY, CA	92234	K6PP HORRALL, GENE	442-3716 620 ECKEN RD.	EL CAJON, CA.	92020
N6GL CONTOGENIS, JOSEPH P.	749-2699 13964 PAUMA VISTA DR.	VALLEY CENTER, CA.	92082	K6PPD HEISMAN, PAUL	726-1616 1008 TOROLE CIR.	VISTA, CA.	92084
N6FL LEONELLI, PHIL	757-7008 3564 STRAWBERRY PL.	OCEANSIDE, CA.	92056	K6GPPM PARROTT, RICHARD	486-3541 12627 ORDHAVEN LANE	POWAY, CA	92064
N6LCT SEAMAN, LARRY	1890 CATHAN LANE	VISTA, CA	92084	K6GPPN NORMAN, TORRI L.	945-7225 1320 MORNING GLORY PL	VISTA, CA.	92084
N6GLEH RISELEY, JAMES P.	744-7654 1247 SAN MARCOS BLVD -E11	SAN MARCOS, CA	92069	N6PQQ DE MONTESRE, VINA	726-0353 750 CRESTVIEW RD.	VISTA, CA.	92083
K6LMJ PEARCE, ART	724-6155 3580 TWILIGHT LN.	OCEANSIDE, CA.	92056	K6GPRH BISHOP, LARRY A.	758-2509 1689 AVENIDA OCEANO	OCEANSIDE, CA	92056
K6GLRH HOUSER, JAN	758-4388 1073 CYPRESS DR.	VISTA, CA	92084	K6GPRW THARP, DANNY R.	945-7225 1320 MORNING GLORY PL	VISTA, CA	92084
N6LTV HART, LANE	743-7532 1918 PAMELA LN.	ESCONDIDO, CA.	92026	K6PUN GORDON, DOUGLAS	729-0239 3915 TRIESTE DR.	CARLSBAD, CA.	92008
K6GLX CALDWELL, BENTON	729-5161 4150 ADAMS ST.	CARLSBAD, CA.	92008	K6GBBD GEARHART, RICHARD L "DICK"	433-7722 276-193 N. EL CAMINO REAL	OCEANSIDE, CA	92054
K6GLYA DIENGOTT, STANLEY J.	583-2053 6525 CRYSTAL LAIRE DR	SAN DIEGO, CA	92120	N6GBBD WILLIAMS, RICHARD	757-3734 P.O. BOX 177	SAN LUIS REY, CA.	92068
K6GBHL ROSS, BETSY E.	272-6395 1252 DIAMOND ST.	SAN DIEGO, CA.	92109	N6GCA DAVIS, LAWRENCE L.	582-4324 6578 CRYSTAL LAIRE DR.	SAN DIEGO, CA.	92120
K6GNCU SMITH JR., BILL J.	582-2313 3429 PAGE ST.	SAN DIEGO, CA.	92115	N6GDB ROHRER, SUSAN J.	1230 E COLTON D-501	REDLANDS, CA	92374
N6GNEI HAMMOND, JOHN	560-9549 2909 SEGO PL.	SAN DIEGO, CA.	92123	K6GDF MC CORNICK, MATT	724-6361 1010-134 E. BOBBER DR.	VISTA, CA.	92084
K6MHG CORWIN, WILLIAM L.	746-9873 463 MANTUCKET GLEN	SAN DIEGO, CA.	92127	K6GDF GREGORY, ROBERT	461-0124 6365 CASSELBERRY WY.	SAN DIEGO, CA.	92119
N6MK KIESNER, C. MILTON	942-8747 7925 AVENIDA DIESTRO	ESCONDIDO, CA.	92027	K6GDM FRANKLIN, JIM	726-4022 2174 FOOTHILL DR.	VISTA, CA.	92084
N6GMS PEVNEY, JOE	729-1401 4134 SKYLINE RD.	CARLSBAD, CA.	92009	N6GJE CALL, ELEANORE	729-0850 2248 JEFFERSON ST	CARLSBAD, CA.	92008
N6GMPZ LINCOLN, CAROLINE	436-9983 1345 HYMETTUS AVE.	CARLSBAD, CA.	92008	K6GJR DORR, BARRY L.	944-0753 130 HONEYCOMB CT	ENCINITAS, CA	92024
K6GNS GRAF, JOHN	630-6864 185 SANTA MARIA CT	LEUCADIA, CA.	92024	K6GJW BREDINUS, MARILYN R.	692-0953 955 HARBOR ISLAND DR #145	SAN DIEGO, CA	92101
K6GNT FILIPPO, STEVE	598-1124 2225 PRIMROSE AVE.	VISTA, CA	92083	N6GOLC COY, BRUCE H.	792-5402 12584 PORTADA PL	SAN DIEGO, CA.	92130
N6GHW BAKER, ARTHUR B.	749-3458 8975 LAWRENCE WELK DR 390	ESCONDIDO, CA	92026	N6GNI EGDAL, JOHN	729-2156 4208 HIGHLAND DR.	CARLSBAD, CA.	92008
N6MVC KNAB, DAVID H.	453-2361 3516 TONY DRIVE	SAN DIEGO, CA	92132	K6GQJ ALLEN, CHRISTOPHER	1434 VANESSA CIRCLE	ENCINITAS, CA	92024
K6GMW THOMPSON JR., LEONARD C.	729-1019 1715 BONNEYVILLE DR	SPRING VALLEY, CA	92077	N6GQA WARNER, RUSS	489-0280 1402 WESTWOOD PLACE	ESCONDIDO, CA.	92025
K6GMJ WOODWARD JR., E. J.	439-7056 4225 TRIESTE DR	CARLSBAD, CA	92008	N6GQF RATH, NORMAN H.	721-1653 1096 TURNSTONE WAY	OCEANSIDE, CA	92057
K6GMH LUTTMAN, J. E. "TED"	3731 PARK DR.	OCEANSIDE, CA	92054	N6GQO GONSETT, BOB	723-2700 2685 ALTA VISTA DR.	FALLBROOK, CA	92028
N6MYN DIPERT, STEPHEN "DICK"	419 EL DORADO DR.	CARLSBAD, CA.	92008	N6GVA TRAPOLINO, MARK	632-1264 7727 CAMINITO MONARCA 107	CARLSBAD, CA.	92009
N6MAU PAKASKI, TED	1542 WILSON RD.	CARLSBAD, CA.	92008	N6GVV VERNACCHIA, ORLANDO	578-0427 8946 HILLERY DR.	SAN DIEGO, CA.	92126
N6NBH DOIG, AL	2008 SEQUOIA CREST	ESCONDIDO, CA.	92025	N6GWE ALDEN, HERB	940-1840 3698 VIA BERNARDO	OCEANSIDE, CA	92056
N6NBH BOYD, GERALD G.	2765 CORDOBA COVE	RAMONA, CA	92065	N6GWW ROWCLIFFE, DAN "HAGAR"	698-7874 6271 MERCED LAKE AVE.	SAN DIEGO, CA	92119
N6NKB GALLEGOS, MARCEL M.	2655 LAS PALMAS AVE.	VISTA, CA	92014	K6GZX BANANDO, JOSEPH P.	749-8217 30565 ALTA MESA DR	VALLEY CENTER, CA	92082
N6NKF ANTONIO, FRANKLIN	2655 LAS PALMAS AVE.	ESCONDIDO, CA.	92025	N6GR STEDMAN, DUANE J.	753-4821 1614 EDILEE DR.	CARDIFF, CA.	92007
K6GNX ASHLEY, JO	2233 VISTA GRANDE DR.	ESCONDIDO, CA.	92025	N6RAO WILHELMY, LOREEN	756-3133 P.O. BOX 2448	RANCHO SANTA FE, CA.	92067
K6GNM ASHLEY, A. J.	13633 CATAMBA DR.	VISTA, CA.	92084	N6GRB SINN, FRED	434-8597 P.O. BOX 4324	CARLSBAD, CA	92008
N6GNN RIVERA, BOB	416 BONAIR ST.	POWAY, CA.	92064	N6RBS OLSON, KEN	741-0040 1406 VIA VALENTE	ESCONDIDO, CA	92029
N6NNI SCHLESINGER, MARK M.	416 BONAIR ST.	LA JOLLA, CA.	92037	N6RHS STEDMAN, PATRICIA	753-4821 1614 EDILEE DR.	CARDIFF, CA.	92007
N6NMP HEALEY, WILMA	1320 MORNING GLORY PL	LA JOLLA, CA.	92037	K6RTH ROBERTS, EDWARD I.	729-9115 1305 TAMARACK AVE.	CARLSBAD, CA	92008
N6NMP HEALEY, THOMAS	1022 OLD TAYLOR ST.	VISTA, CA.	92037	N6RHH GOODLEY, MARK D.	480-4477 3120 RYAN DR.	ESCONDIDO, CA	92025
K6GNPH NORMAN, MATTHEW J.	1040 S. HALE AVE #22	VISTA, CA.	92084	K6GRNV O'CONNOR, STEVEN P "DOC"	789-5340 P.O. BOX 448	RAMONA, CA	92065
N6NQZ HULBERT, DONALD	3505 BADILLO RD	ESCONDIDO, CA	92029	K6GRW CARIAGA, RAUL F.	575-1941 1451 SATURN BLVD APT 105	SAN DIEGO, CA	92154
K6GNRB MOSSMAN, SHANNON L.	3079 GOLF CREST RIDGE RD	SAN MARCOS, CA.	92069	K6GRW HILTZ, SHERRY L.	P.O. BOX 6228	OCEANSIDE, CA	92058
K6GNRL KLEIN JR., FRED	3175-D EVENING WAY	EL CAJON, CA	92019	K6GRS SAUNDERS, MIKE	727-4286 3502 DE LEONE RD	SAN MARCOS, CA	92069
K6GNSA DUMLAO, DAVID	14120 DURHULLEN DR.	LA JOLLA, CA	92037	N6GRY NEUMAN, JOHN S.	471-0034 822 LAURELWOOD CT.	SAN MARCOS, CA.	92069
K6GNTW WRAY, JOHN L. KMGGE	730 PEARWOOD ST.	POWAY, CA.	92064	N6GRV GRANT, STEPHEN R.	422-4415 434 JAMES CT	CHULA VISTA, CA	92010
N6GNV MC CONAHAY, JIM C.	4234 VIA CLEMENTE	OCEANSIDE, CA.	92056	N6RVO MARTINA, JOSEPH F.	433-6885 4462 IBIS WAY	OCEANSIDE, CA.	92057
N6GNV COATES, WALTER F.	P.O. BOX 711825	OCEANSIDE, CA	92057	N6RWB HAW, JR, ROBERT A.	470-9238 456 RIDGEWAY CT	SPRING VALLEY, CA	91977
N6GNR O'NEIL, BYRON W. "JACK"	P.O. BOX 301543	SANTEE, CA	92072	N6RWV WILMS, WAYNE A.	724-0777 1215 SUNNY CREST CIRCLE	VISTA, CA	92084
K6GNX CAUDLE, THOMAS K.	P.O. BOX 301543	ESCONDIDO, CA.	92030	K6RXX MIRDA, RICHARD	942-5497 3204 FOSCA ST.	CARLSBAD, CA	92009
K6GNZA BURGESS, MARY	2012 APPLEWOOD LANE	ESCONDIDO, CA.	92030	KKGRX DE PAOLA, SALVATORE "SAL"	451-1588 14750 CARMEL RIDGE RD	SAN DIEGO, CA	92128
N6NZX BURGESS, CARL W.	1700 KINGLEY RD.	VISTA, CA	92083	N6RZY HASON, ART J.	283-7457 P.O. BOX 23555-204	SAN DIEGO, CA	92123
N6GO COOPER, JIM	196 CALLE GUERNICA	SAN MARCOS, CA.	92069	K6GRZA CHRISTENSEN, REY J.	727-9254 262 EL VALLE OPULENTO	VISTA, CA	92083
N6GOB MAYES, PETE	18218 PARADISE MTN RD	SAN MARCOS, CA.	92069	K6GS6 RICE, ROBT W "BOB"	724-3558 3130 MORNINGSIDE DR.	OCEANSIDE, CA.	92056
N6GOG STEWART, AUBREY L.	1907 COLUMBIA ST - #3	VALLEY CENTER, CA	92082	N6GSA PARKER, MARSH	272-1409 4166 TAOS DR.	SAN DIEGO, CA.	92117
N6GOU HAMILTON, GRANT H.	1421 YORK AVE	SAN DIEGO, CA	92101	KEGSE FULCHER, CHARLES O.	941-1576 3809 CELESTE DR.	OCEANSIDE, CA	92056
N6OEI LUMATI, MATTHEW G.	2047 STILLMAN ST	ESCONDIDO, CA	92101	N6GSEU HIGGINS, ROSE-MARIE	434-7612 2530 VIA ASTUTO	CARLSBAD, CA	92008
K6GUEI MILAZZO, PHILIP	178 BALTIMORE DR.	SELMA, CA	93662	N6SGO SHIELDS, FREDERICK V.	460-9305 5966 DUGAN AVE	LA MESA, CA.	92042
N6GOUH WALLACE, LEONA	11012 AVENIDA MARIA	LA MESA, CA	91942	N6SHB PARTIDGE, KELLEY	695-9790 10675 RED CEDAR DR.	SAN DIEGO, CA.	92131
K6GHP MILLSAP, DON	3959 SYME DRIVE	SAN DIEGO, CA.	92129	N6SGJ HOLMES, MELVIN R.	722-5168 615 FREDRICKS AVE #107	OCEANSIDE, CA	92056
N6GOL TENSOR, JOHN	1249 NORDAHL RD.	CARLSBAD, CA	92008	K6GSK BLOODGOOD, WALT T.	758-3276 219 POND PL.	VISTA, CA.	92083
K6GDLZ STEPHENS, JAMES T.	27250 MURTIETTA RD #95	ESCONDIDO, CA.	92026	N6GSM HORGAN, JOHN	2430 GALAHAD RD.	SAN DIEGO, CA.	92123
A6GOM MASSIE, L.B. "RUSTY"	3601 LAREDO ST.	CARLSBAD, CA	92008	N6GSH BESCHER, JOHN	P.O. BOX 2825	RANCHO SANTA FE, CA	92067
K6GOMA STEPHENS, VESTA N.	3335 CAMINITO VASTO	SUN CITY, CA	92381	K6GSM FELKER, RICHARD G.	728-5795 1616 DICKEY ST.	FALLBROOK, CA.	92028
N6OHL POWELL, RICHARD A.	18215 CORTE DE CASARES	CARLSBAD, CA	92008	N6GST WINTERBOURNE, STEVE	451-6672 18520 LOCKSLEY ST.	SAN DIEGO, CA.	92128
N6OPD CRABTREE, JACK	18218 PARADISE MTN RD	LA JOLLA, CA	92037	N6GSV WANDSCHNEIDER, HERB	722-2803 760 E BOBBER DR #155	VISTA, CA	92084
N6OSR MAGNET, ANDREW DEAN	1577 ROMA DR.	LA JOLLA, CA	92037	N6GT TILLEY, AUBRA	742-3735 P.O. BOX 429	PAUMA VALLEY, CA.	92061
N6OVP LIEN, DAVID A.	6255 RADCLIFFE DR	SAN DIEGO, CA.	92128	K6GTAY BRANSFORD, JERRY	743-8134 1824 SUNBURY ST.	ESCONDIDO, CA	92026
K6GOXZ SMITH, WALTER E.	375 WOODLAND HILLS DR.	VALLEY CENTER, CA	92082	N6GTB GATES R.R. "BOB"	729-1976 1777 BUTTERS RD.	CARLSBAD, CA.	92008
N6OYG MUSIL, VICTOR		VISTA, CA	92083	N6GTB MC CORD, BILLY	724-3837 222 WASHINGTON ST.	VISTA, CA.	92084
N6OYJ MUNN, R. E. (ED)		SAN DIEGO, CA.	92122	N6TCB CARTER, JERRY A.	743-4212 2435 OUR COUNTRY RD.	ESCONDIDO, CA.	92029
K6SP STUART, RODGER		ESCONDIDO, CA.	92029	N6TDC MILLER, LEE	724-7460 630 CORTEZ AVE.	VISTA, CA.	92084

N6TEP NIELE, CHARLES	471-0439 856 REDBERRY CT.	SAN MARCOS, CA.	92069	K76X BUSCEMA, PAUL	436-2537 343 WHITEWOOD PL.	ENCINITAS, CA.	92024
N6TET SIMPSON, IVAN	726-7148 3669 JEWEL ST.	SAN DIEGO, CA.	92109	N6XMY CALLENDER, WILLIAM H.	566-7290 10861 SANDY HOOK RD	SAN DIEGO, CA.	92126
N6TFB MUNT, LLOYD	757-9374 3747-102 VISTA CAMPANA S.	OCEANSIDE, CA.	92057	N6XPP LANDEL, KEVIN L.	944-1396 46 BRIGGS AVE.	ENCINITAS, CA.	92024
K1G1G DOWLING JR., C W "CHUCK"	272-3503 3244 NEOSHO PL	SAN DIEGO, CA.	92117	N6XIT FILIPPO, TANNIE	598-1124 2225 PRIMROSE AVE.	VISTA, CA.	92083
N6THC SPANGLER, RAYMOND G. "RAY"	729-2001 3774 SKYLINE RD	CARLSBAD, CA.	92008	N6XIU TAYLOR, CURTIS R.	727-9254 262 EL VALLE OPULENTO	VISTA, CA.	92083
N6THU PAUL, FLOYD A.	242-8961 1545 RAYMOND AVE	GLENDALE, CA.	91201	N6XXV STIDD, CHARLES K. (SAM)	481-5286 4005 CARMEL VIEW RD - #61	SAN DIEGO, CA.	92130
N6TJT KRAMARICH, CHUCK	741-1827 880 E WASHINGTON AV UN. A	ESCONDIDO, CA.	92025	N6YAI STEINWEDDEL, "BILL"	727-2875 2036 BUENA CREEK RD	VISTA, CA.	92084
N6TLL HASKELL, WM.S. "SCOTTY"	727-8836 1105 HAPPY HILL DR.	VISTA, CA.	92084	KK6YB MORRIS, GARY A.	480-2917 2155 AMANDA LANE	ESCONDIDO, CA.	92029
K66TLW SHETTEL-NEUBER, JOYCE	465-0831 8466 ABILENE TER	LA MESA, CA.	91342	N6YEL HO, JUNG-CHING	458-1678 4067C MIRAMAR ST.	LA JOLLA, CA.	92037
K66TNI HELDLING, ANTHONY	758-3603 4704 MYSTIK RD.	OCEANSIDE, CA.	92056	K86YHY NYE, ANITA M.	758-0234 1869 ALESSANDRO TRAIL	VISTA, CA.	92084
K66TPS EDWARDS, CHERI	578-1025 7985 HANDEL WAY	SAN DIEGO, CA.	92126	K86YHZ NYE, ARTHUR PAUL	758-0234 1869 ALESSANDRO TRAIL	VISTA, CA.	92084
A66TR MOSKOWITZ, MARK	944-0145 2301 LEVANTE ST.	CARLSBAD, CA.	92009	N6YJU SCHWEIZER, EARL G.	753-8096 P.O. BOX 532	CARDIFF BY THE SEA, CA	92007
N6TRS TIPPIT, DON	723-8319 2233 S STAGECOACH LANE	FALLBROOK, CA.	92028	N6YLA BALKE, JERRY	758-1134 746 HONEYDEW LN.	VISTA, CA.	92084
K66TSR BALDERAHRA, SCOTT A.	745-0851 1051 ROCKSPRINGS RD. #141	ESCONDIDO, CA.	92026	K66YLA MIELY, RONALD R.	753-9343 3030 GARBOSA ST	CARLSBAD, CA.	92009
N6TUR WAGNER, LED F.	941-6756 1441 PHIL MAR LN.	VISTA, CA.	92083	N66YLT SAMPSON, WILLIAM E.	480-1436 1505 EL NORTE PKWY	SAN MARCOS, CA.	92069
KK6TV URAN, NICHOLAS W.	745-7696 1497 MCKINLEY AVE.	ESCONDIDO, CA.	92027	N6YMC LUSBY, PETER	598-9322 P.O. BOX 2256	VISTA, CA.	92085
K66TVZ HANSON, DIANE "FRENCHIE"	723-0620 P.O. BOX 430	FALLBROOK, CA.	92028	N6YMD LEPINE, JOE E.	941-6823 1205 N. SANTA FE AV #17	VISTA, CA.	92084
N6TXK EARL, RONALD C.	566-1959 11372 IRONWOOD RD.	SAN DIEGO, CA.	92131	N6YMH SHIPPEY, GEORGE	728-5914 2420 HELEN RD.	FALLBROOK, CA.	92028
K66TYT GOODMAN, PHILIP R.	944-7741 7535 CADENCIA ST.	CARLSBAD, CA.	92009	N6YMO HODGES, HARRY	743-4212 2435 OUR COUNTRY RD.	ESCONDIDO, CA.	92029
K66TYU STEINBERG, GARY	726-6636 2267 ALTA VISTA DR.	VISTA, CA.	92084	K66YOW OLDHAM, C.A. "CHUCK"	758-8326 156 - 20 POND PLACE	VISTA, CA.	92083
K66TYV STEINBERG, ART	726-6636 2267 ALTA VISTA DR.	VISTA, CA.	92084	K66YOX BENNETT, WILLIAM G.	433-4626 3537 STRAWBERRY PL	OCEANSIDE, CA.	92056
K66TYX HOGGATT, MICHAEL L.	743-9539 1419 QUEENSTON DR.	ESCONDIDO, CA.	92027	N6YRS THIEME, JESS	598-1124 2225 PRIMROSE	VISTA, CA.	92083
N66U PENNINGTON, WALTER	3544 E. SOUTHERN #104	MESA, AZ	85204	N6YX BELL, BOB	745-3722 1926 ALEXANDER DR.	ESCONDIDO, CA.	92025
K66UAI THOMPSON, ERIK	436-5550 962 HYMETTUS AVE.	ENCINITAS, CA.	92024	N6YVV BURDETTE, SAMUEL EARL	726-2624 4718 WESTRIDGE DR.	OCEANSIDE, CA.	92056
N6UAL BJERKE, OLIVER G.	433-5117 2082 COSTA VISTA WAY	OCEANSIDE, CA.	92054	N6YZZ ROHRER, LINDA D.	749-0276 30311 CIRCLE R LN	VALLEY CENTER, CA	92082
K66UDY RORABAUGH, GREG	276-4665 4665 GESNER ST.	SAN DIEGO, CA.	92117	N66Z DENTON, WILLIAM H.	443-8775 9633 FARMINGTON DR.	LAKESIDE, CA.	92040
N66UGG WILSON, WELSEY L.	2227 THUMBKN LANE	VISTA, CA.	92084	N66Z PARTRIDGE, DELMAR E.	635-9790 10675 RED CEDAR DR.	SAN DIEGO, CA.	92131
K66UHH BROWN, DEBBIE	758-5820 1450 HEDIONDA AVE.	OCEANSIDE, CA.	92056	N6ZHN GUILAS, EMILIANO P.	422-7947 522 WOODHOUSE AVE.	CHULA VISTA, CA	91910
N6UIA BARRY, STEVE	747-7496 954 CIMMARON TR.	ESCONDIDO, CA.	92029	N6ZJC BARCROFT, JOHN	587-8061 4286 FARLEY CT	SAN DIEGO, CA.	92122
N6UIT VALADEZ, JOSE "FELIPE"	271-6079 8993 COVINA ST.	SAN DIEGO, CA.	92126	N6ZJV JACOBS, J. RICHARD "JAY"	471-9143 526 DEBRA PLACE	SAN MARCOS, CA.	92069
K6UL KWETNIENSKI, MITCHELL Z.	274-1434 3728 1/2 A INGRAHAM ST.	SAN DIEGO, CA.	92109	N6ZNE TENNEBAUM, TERRY D.	789-4059 25228 KERRI LANE	RAMONA, CA.	92065
A66UQ NEWLOVE, JACK	726-9758 1111 PORTOLA ST.	VISTA, CA.	92084	K6ZNO BERNHARD, ERWIN	727-6489 1930 W SN MARCOS BL #108	SAN MARCOS, CA.	92069
K66UHM MC BRIDE, ART	741-8143 2165 VILLA FLORES GLEN	ESCONDIDO, CA.	92029	N6ZOP WEBER, R. SCOTT	546-0444 6153 STETSON PL	SAN DIEGO, CA.	92122
N6URW TYLER, JR., JOHN E.	753-9545 853 SUNRICH LANE	LEUCADIA, CA.	92024	N6ZPT MILLER, PHILIP	944-6227 1016 HERMES AVE	LEUCADIA, CA.	92024
N66UTR RUESSER, LARRY	758-5820 1450 HEDIONDA AVE.	VISTA, CA.	92083	N6ZPU LANGHANS, CHAD A.	747-8008 1800 NAVAJO PLACE	ESCONDIDO, CA.	92029
A66UW LEMING, VERNON LEE	789-3070 413 ELEVENTH STREET	RAMONA, CA.	92065	N6ZRC HART, LARRY D.	2108 VIA TIEMPO	CARDIFF, CA	92007
N6UWU JAFFE, ROGER	697-6025 7185-M NAVAJO ROAD	SAN DIEGO, CA.	92119	N6ZSY CRAW, PAUL E.	479-3236 2315 E. 5TH ST.	NATIONAL CITY, CA	91950
K66V BERNARDINI, F. KERNEIL	295-4788 3506 UNION ST.	SAN DIEGO, CA.	92103	N6ZUC LOW, TIM	741-1054 2946 AMANECEER PLACE	ESCONDIDO, CA.	92027
N66UG JORSENSEN, EDWARD H.	728-1895 4927 LAKE PARK CT	ESCONDIDO, CA.	92026	N7AMR WILLETT, ALLEN	434-5656 4722 BIRCHWOOD CIR.	CARLSBAD, CA.	92008
N6UWU UTSCHIG, ELLEN E.	630-0950 1050-19 LA TORTUGA DRIVE	VISTA, CA.	92083	N7AS GRANT, GARY G.	487-8353 16925 HIERBA DR - #336	SAN DIEGO, CA.	92128
N6UWU WILLINAN, KATIE	484-4903 13523 BENBOW CT.	SAN DIEGO, CA.	92129	N7BLM MULLINS, DAN S.	1642 ALVARADO ST.	OCEANSIDE, CA.	92054
N6UWU WILLINAN, LEX	484-4903 13523 BENBOW CT.	SAN DIEGO, CA.	92129	N7HGS THIELE, AL	755-7347 3444 LADY HILL RD.	SAN DIEGO, CA.	92130
N6UZH ASHLEY, TERESA "TERRI"	566-7336 3505 GOLD COAST DR #127	SAN DIEGO, CA.	92126	N7HKI LARSON, D. LARRY	432-5855 108 SHERRI LANE	OCEANSIDE, CA.	92054
A66V DINKINS, RODNEY R.	945-6050 4982 MARIN DR.	OCEANSIDE, CA.	92056	N7HQ FITTERER, DANIEL	789-0943 2030 BLACK CANYON RD - #4	RAMONA, CA.	92065
N66V DE MONTGORE, LARRY	726-0353 750 CRESTVIEW RD.	VISTA, CA.	92083	N7IRE HITNEY, CHARLES J.	741-7128 475 ROSS DR.	ESCONDIDO, CA.	92029
K66VEC GRIFFITH, DAVID	689-0040 10627 DABNEY DR. #45	SAN DIEGO, CA.	92126	N7QGH MCGEE, HEAD, PATRICK (P.J.)	4897 KINGS ROW CIRCLE	SALT LAKE CITY, UT	84117
K66VEE WEAVER JR., LINDSEY "BUTCH"	455-7651 3419 TONY DR.	SAN DIEGO, CA.	92122	N7RJD ROSLER, GREG	223-4072 USS LAJOLLA (SSN701)	SAN FRANCISCO, CA.	96671
K66VFZ CONTOGENIS, ALICE	749-2699 13964 PAUMA VISTA DR.	VALLEY CENTER, CA.	92082	N7TV FARRIS, TIM	1474 SUNDANCE WAY	OCEANSIDE, CA.	92056
K66VP MC KAY, RICHARD W. (DICK)	377-2789 27532 ELMBRIDGE DR.	RANCHO PALOS VERDES, CA	92074	N7WV KNIGHT JR., JOHN A.	530-0355 11224 POLARIS DR.	SAN DIEGO, CA.	92126
K66VNR PRESSMAN, DAVID	259-2828 4770 SUN VALLEY RD	DEL MAR, CA.	92014	N7WV O'BERRY, JAMES A.	2501 WOODLAND BLUFF DR.	HEBER SPRINGS, AR	72543
K66VNA WOOD, HENRY N.	452-1904 8370 VIA SONOMA #B	LA JOLLA, CA.	92037	K7WLI FELTON, BOB	729-5519 4803 NEBLINA DR.	CARLSBAD, CA.	92008
A66VO BAUM, STEPHEN P.	723-2425 2404 VIA DEL AGUACOTE	FALLBROOK, CA.	92028	K7WMA LAMBERT, DAVID A.	489-8465 1524 BROOK RD	SAN MARCOS, CA.	92069
K66VX CHANTRILL, ROBERT	727-0606 1961 PINWOOD RD.	VISTA, CA.	92083	N8BAD BURTON, LIONEL "DOC"	744-9431 637 RICHARD RD	SAN MARCOS, CA.	92069
K66VX LINCOLN, CHESTER "BUD"	436-9983 1345 HYMETTUS AVE.	LEUCADIA, CA.	92024	N8BBHE ENGARDIO, TOM	598-7534 1941 CHERRYWOOD ST	VISTA, CA.	92083
N66W DE BEER, LOUIS	437-8351 845 E. AVE #C	CORNADO, CA.	92118	N8BHY PRATT JR., JAMES A.	430-1368 208 BOXWOOD ST	OCEANSIDE, CA.	92054
N66W KENT, JOHN L.	729-5254 3920 HOLLY BREA LN.	CARLSBAD, CA.	92008	N9AKB CARLSEN, KENNETH	434-3256 4904 PARK DRIVE	CARLSBAD, CA.	92008
K66WAN POWELL, RALPH E.	727-7415 559 ALAMITOS WAY	SAN MARCOS, CA.	92069	N9AOX WILSON, DONALD G.	944-0378 3110 LEVANTE ST.	CARLSBAD, CA.	92009
N66WF LOWDEN, FRANK G.	745-2076 P.O. BOX 298	ESCONDIDO, CA.	92033	N9FOW ROHRER, STAN	749-0276 30311 CIRCLE R LANE	VALLEY CENTER, CA.	92082
N66WF LOWDEN, MARY LEE	745-2076 P.O. BOX 298	ESCONDIDO, CA.	92033	N9KAB CORRIGAN JR., EARL H.	10303 CALIFORNIA	CHICAGO, IL	60655
N66WF KOENIG, JOHN H.	566-6136 10210 SALUDA AVE.	SAN DIEGO, CA.	92126	N9MII HARRIS, GREGORY J.	429-1590 231 ELM AVE	IMPERIAL BEACH, CA	92032
N66WGT HARKER, HARLAND "HARK"	724-2111 607 VIA DEL MAR	VISTA, CA.	92083	N99RKN DAVIS, ROY H.	464-2625 7217 RONDEL COURT	SAN DIEGO, CA.	92119
N66WL BRAMDT, KARL H.	746-3136 425 N HICKORY ST #205	ESCONDIDO, CA.	92025	K9AVKO KOESTER, MICHAEL	471-9752 353 W SAN MARC. BL #246	SAN MARCOS, CA.	92069
N66WP PRIEST, BILL	727-4279 3535 LINDA VISTA Dr - #62	SAN MARCOS, CA.	92069	N9WV HANSON, LOYAL M "MAC"	723-0620 P.O. BOX 430	FALLBROOK, CA.	92028
K66WBA SULLART, ABEL	825 HUCKLEBERRY LANE	ESCONDIDO, CA.	92025	ASSOC POTTER, MICHAEL R.	4591 BLACKWELL RD	OCEANSIDE, CA.	92056
N66WBI NOUL JR., EDWARD B.	940-9403 220 E. CONNECTICUT AVE.	VISTA, CA.	92084	ASSOC CROUSE, DARREN R.	753-8910 1520 SAXONY RD	ESCONDIDO, CA.	92026
N66WR ROSENBERG, BERNICE	433-0711 P.O. BOX 372	SAN LOUIS REY, CA	92068	K66ZKI TULLIS, R.H. "RICK"	729-6787 3640 CATALINA DR	CARLSBAD, CA.	92008
K66WRI EARL, JEANNIE	566-1959 11372 IRONWOOD RD	SAN DIEGO, CA.	92131	ASSOC HOWALT, BILL	757-2221 5274 LEON ST	OCEANSIDE, CA.	92057
K66WRK EARL, SCOTT	566-1959 11372 IRONWOOD RD	SAN DIEGO, CA.	92131	ASSOC STORKE, TED	513 ALLSPICE WAY	OCEANSIDE, CA.	92057
A66WS SABA, DONALD G.	295-8782 2464 MARILUISE WAY	SAN DIEGO, CA.	92103	ASSOC LARSON, WILBERT T.	5209 COLONIAL WAY	OCEANSIDE, CA.	92057
N66WU SANFORD, MICHAEL	345-5938 P O BOX 204	VALHALLA, NY	10595	ASSOC COURTNEY, B.C. "RED"	741-7128 475 ROSS DR.	ESCONDIDO, CA.	92029
N66WS MILLER, STEWART S.	438-1668 2814 LUCIERNAGA ST	CARLSBAD, CA.	92009	ASSOC HITNEY, LOUISE	724-5037 1355 KELGLEN LANE	VISTA, CA.	92084
N66WE PARKINSON, JAMES	598-1615 254 EL VALLE OPULENTO	VISTA, CA.	92083	ASSOC RIBER, MICHAEL	480-4860 1029 FICUS LANE	SAN MARCOS, CA.	92069
N66WTZ FRANKLIN, OLIVIA	726-4022 2174 FOOTHILL DR.	VISTA, CA.	92084	ASSOC HENDERSON, JAMES "JAY"	727-9254 262 EL VALLE OPULENTO	VISTA, CA.	92083
N66WU SHIRLEY, MIKE P. "MIKE"	529-7078 P.O. BOX 460	LAKESIDE, CA.	92040	ASSOC CHRISTENSEN, PATRICIA	729-1579 2748 WATERBURY WAY	CARLSBAD, CA.	92008
K66WZ FREY, FREDERICK	729-2991 3449 CORVALLIS ST.	CARLSBAD, CA.	92008	ASSOC HOWARD-JONES, TONY			

K6BVFZ CONTOGENIS, ALICE
N6J7B COOK, WALLY
N6GO COOPER, JIM
W6GHN COPLEY, DAVE
N3KAB CORRIGAN JR., EARL H.
K6MHG CORWIN, WILLIAM L
K6SBH COUNTRYMAN, BILL
AS50C COURTNEY, B.C. "RED"
W6GQL COY, BRUCE H.
N6OPD CRABTREE, JACK
W6HLB CRAIG SR., JOE
N6T5Y CRAW, PAUL E.
K6HAV CROSSMAN, RALPH
N6INN CROSSMAN, PAT
AS50C CROUSE, DARREN R.
AA6PN CURRIER, RICHARD E.
W6GINL DAU JR., WALTER K.
W6ICA DAVIS, LAWRENCE L.
W6SRKN DAVIS, ROY H.
ND6G DE BEER, LOUIS
W6GV DE MONTEGRE, LARRY
N6PQQ DE MONTEGRE, VINA
K6K9R DE PAOLA, SALVATORE "SAL"
N66Z DENTON, WILLIAM H.
W6GAW DEWEY, WM. H. (BILL)
K3FMT DI VECCHIO, MARK C.
K6GLX DIENGOTT, STANLEY J.
AC6V DINKINS, RODNEY R.
N6HYN DIPERT, STEPHEN "DICK"
W6BHF DOBLER, RAY
W6NBH DOIG, AL
K6GJR DORR, BARRY L.
K16TG DOWLING JR., C W "CHUCK"
K6KQC DOYLE SR., MIKE
K6NSA DUNLAD, DAVID
AA6KY DUTCHER, DAVID
W6TIX EARL, RONALD C.
K6WRK EARL, JEANNIE
K6WRK EARL SCOTT
K6CPS EDWARDS, CHERI
N6GMI ESDAHL, JOHN
W6BBHE ENGARDIO, TOM
N4AM ENDOSCH, GARY D.
N6GJW FAHNESTOCK, MICKY
N6GNB FAHNESTOCK, ALBERT U.
W6FTV FALLS, EDWARD L.
NN7V FARRIS, TIM
KJ6SN FELKER, RICHARD G.
K7WLX FELTON, BOB
KUIY FENSTERMACHER, BRUCE (TED)
N6IE FERRANTO, FELIX
K6GMTX FILIPPO, STEVE
N6XIT FILIPPO, TAMMIE
KD7HQ FITTERER, DANIEL
KE4EY FLEISCHMANN, WM. (BILL)
N6GJW FOLSON, RUSSEL A.
KF6QH FRANKLIN, JIM
W6GWTZ FRANKLIN, OLIVIA
KD6WZ FREY, FREDERICK
KE6SE FULCHER, CHARLES O.
W6NKB GALLEGOS, MARCEL M.
W4NYU GATES, HOWARD W.
W6B7BA GATES, R.R. "BOB"
K6GBD GEARHART, RICHARD L "DICK"
W6BLZ GLIMPSE, ART
W6FLX GOEPPINGER, ALBERT
W6BQQ GONSETT, BOB
W6B6Z GONSETT, JUDY
N6RNM GODELEY, MARK D.
K6CTYT GOODMAN, PHILIP R.
K6PUN GORDON, DOUGLAS
K6GWA GOULART, ABEL
K6GMS GRAF, JOHN
W6GID GRAHAM, THOMAS
K6GPD GRAHAM, EARL K6MDC

W6WFF KOENIG, JOHN M.
KA9VKO KOESTER, MICHAEL
KG6IL KOLB, JOHN
N6TJT KRAMARICH, CHUCK
W6KTE KRIST, R.F.
KB6TQS KUIVINEN, JOHN
KGUL KWIETNIEWSKI, MITCHELL Z.
WB6HMY LA POINTE, JOE
N6ISC LACKEY, PAUL
K7WMA LAMBERT, DAVID A.
N6XPP LANDEL, KEVIN L.
N6ZPU LANGHANS, CHAD A.
W6DNX LANGJAHR, CARL
W7HK1 LARISON, D.LARRY
ASSOC LARSON, WILBERT T.
AA6UO LEMING, VERNON LEE
WFLS LEONELLI, PHIL
N6YMD LEPINE, JOE E.
W6VOP LIEN, DAVID A.
W6EYP LINCOLN, WARREN
KB6VX LINCOLN, CHESTER "BUD"
KB6MPZ LINCOLN, CAROLINE
N6ZUC LOW TIM
N6WEG LOWDEN, MARY LEE
N6WEF LOWDEN, FRANK G.
WB6IOV LOWELL, RUSSELL A.
N6OE1 LUNATT, MATTHEW G.
N6YMC LUSBY, PETER
KC6MWR LUTTMAN, J E "TED"
WB2DZH MADRICK, DAVID S.
N6GSR MAGNET, ANDREW DEAN
KB6DGR MAHONEY, BETTY J.
N6RVO MARTINA, JOSEPH F.
N6RYZ MASON, ART J.
AA6ON MASSIE, L.B. "RUSTY"
WB6OBH MAYES, PETE
KC6UQH MC BRIDE, ART
WB6GXR MC BRIDE, WILLERT "MAC"
N6HSE MC CARTHY, MAC
W6BRF MC CLUSKEY, PAUL
WB6NUV MC COMAHAY, JIM C.
WB6TBO MC CORD, BILLY
XA6GFF MC CORMICK, MATT
N6BA MC CULLOUGH, LEO F. "MAC"
K6VBP MC KAY, RICHARD W.(DICK)
N7DGH MEAD, PATRICK (P.J.)
WA6GGS MEADOWS, JACK R.
W2MRM MIELE, STEVE
N6TEP MIELE, CHARLES
KC6YLA MIELEY, RONALD R.
KC6OE1 MILAZZO, PHILIP
W6TDC MILLER, LEE
KC6SCA MILLER, RAYMOND
N6WSW MILLER, STEWART S.
N6ZPT MILLER, PHILIP
KC6DHP MILLSAP, DON
KF6RC MIRDA, RICHARD
AH6XC MONDALA, PHILIP R.
KC6HPY MONTHEI, M. E. "GENE"
K6SYB MORRIS, GARY A.
KB6GKE MORRIS, R. S. (STEVE)
AA6TR MOSKOWITZ, MARK
KC6NRB MOSSMAN, SHANNON L.
WL7BLM MULLINS, DAN S.
W6DYP MUNN, R. E. (ED)
N6DYB MUSIL, VICTOR
WB6RT NEUMAN, JOHN S.
AA6UO NEWLOVE, JACK
KC6PPN NORMAN, TORRI L.
KC6MPH NORMAN, MATTHEW J.
WB6HFI NORRINGTON, PHILLIPP B.
WB6WQJ NULL JR., EDWARD B.
KB6YHZ NYE, ARTHUR PAUL
KB6YNY NYE, ANITA M.
W7W O'BERRY, JAMES A.
KC6RNV O'CONNOR, STEVEN P "DOC"

NGNWR O'NEIL, BYRON W. "JACK"
 KC6YQW OLDMAN, C.A. "CHUCK"
 NGRRS OLSON, KEN
 WB4YBU ORAN, SAMUEL
 NGNAU PAKASKI, TED
 W6SAX PARKER, MARSH
 KB6PCF PARKER, MARNI
 NGWTE PARKINSON, JAMES
 KC6PPM PARROTT, RICHARD
 WVGZ PARTRIDGE, DELMAR E.
 N6SHB PARTRIDGE, KELLEY
 NOCP5 PASCHKE, VERN
 NOEVP PASCHKE, MARY
 KA6GHE PATCHEL, JUDITH
 WA6IMK PATCHEL, HERBERT O.
 W6THU PAUL, FLOYD A.
 K6LNJ PEARCE, ART
 W6GU PENNINGTON, WALTER
 WA6MOS PEYNEY, JOE
 AS5OC POTTER, MICHAEL R.
 KC6WAN POWELL, RALPH E.
 W6OML POWELL, RICHARD A.
 N6NHY PRATT JR., JAMES A.
 KC6VMR PRESSMAN, DAVID
 W6WPO PRIEST, BILL
 WA6HYB PUGH, DANIEL C.
 WB6HFE RAMME, FRANK B.
 N6BDF RATH, NORMAN H.
 NSDAD REBER, JOHN
 WA3JHV REICHMAN, ROBERT T.
 W6BAW REINICKE, JOHN R.
 W6EAHV REMINGTON, TODD
 AS5CS RIBER, MICHAEL
 K6GSS RICE, ROBT W "BOB"
 WA6IPD RIDEOUT, ART
 WB6LEH RISELEY, JAMES P.
 WA6NNC RIVERA, BOB
 K6B6RW ROBERTS, EDWARD I.
 N600B ROHRER, SUSAN J.
 KA6FFS ROHRER, BARBARA
 WYFQN ROHRER, STAN
 N6YJZ ROHRER, LINDA D.
 K6JUDY RORABAUGH, GREG
 W6WDR ROSENBERG, BERNICE
 N6C6F ROSKY, DAVID S.
 N7RDJ ROSLER, GREG
 KC6CZO ROSS, MARK W.
 N6GZJ ROSS, ED
 KB6MBL ROSS, BETSY E.
 WB6JVS ROUSE, HARRY A.
 WA6QWU ROWCLIFFE, DAN "HAGAR"
 K65AI ROWLETT, GUY
 WA6UTQ RUEGSEGER, LARRY
 W6DVZ RUGG, JIM
 K3PIX RUNYON, TERRY S.
 AA6WS SABA, DONALD G.
 WA6DDC SALTARULO, MARK
 WB6VLT SAMPSON, WILLIAM B.
 KC6BJM SANDFORD, GERRY M.
 N6WUY SANFORD, MICHAEL
 KC6RSF SAUNDERS, MIKE
 NGNNI SCHLESINGER, MARK M.
 W6HTT SCHMIDT, GLENN A.
 W6JYU SCHWEIZER, EARL G.
 KA5Q SEALS, KEN
 W6LCT SEANAN, LARRY
 KC6HTZ SELF, WILLIAM J.
 W2AUD SHAUT, STANLEY
 KC6TLW SHETTEL-NEUBER, JOYCE
 N6SGO SHIELDS, FREDERICK V.
 N6YMH SHIFFEY, GEORGE
 WB6WUI SHIRLEY, MIKEL P. "MIKE"
 WA6CSO SILVEIRA, JOSEPH A.
 K6TET SIMPSON, IVAN
 K6KCD SIMPSON, BRUCE E.

W6BRBJ SINN, FRED
KC60XZ SMITH, WALTER E.
W601NI SMITH, ARTHUR R.
K6BNCU SMITH JR., BILL J.
W66THC SPANGLER, RAYMOND G. "RAY"
W6BR STEDMAN, DUANE J.
N6RHS STEDMAN, PATRICIA
KC6TYU STEINBERG, GARY
KC6TYV STEINBERG, ARY
W6YAX STEINWEDDELL, "BILL"
K6AOLZ STEPHENS, JAMES T.
K6EOMA STEPHENS, VESTA M.
W60DQ STEWART, AUBREY L.
N6XIV STIDD, CHARLES K. (SAM)
ASOOC STORKE, TED
K56P STUART, RODGER
W6G5YV SWADER, JOHN B. "JACK"
K6BACS SWENSON, GEORGE A.
N6XXU TAYLOR, CURTIS R.
N6ZNE TENNEBAUM, TERRY D.
W6QLQ TENTOR, JOHN
KC6PRW THARP, DANNY R.
W7HGS THIELE, AL
N6YRS THIEME, JESS
K6EUA1 THOMPSON, ERIC
K6BHW1 THOMPSON JR., LEONARD C.
W6T1 TILLEY, AUBRA
N6TRS TIPPIT, DON
W63HHC TOTH, ALAN T.
N6QVA TRAPOLINO, MARK
K66ZKI TULLIS, R.H. "RICK"
W6BTH TUFANCY, OSCAR
N6URW TYLER, JR., JOHN E.
K66TV URAN, NICHOLAS W.
N6UWW UTSCHIG, ELLEN E.
N6UIT VALADEZ, JOSE "FELIPE"
N6GVV VERNACCHIA, ORLANDO
N6K1 VERNACCHIA, DENNIS
N6TUR WAGNER, LEO F.
N6DUR WAGNER, ROBERT G.
KC6BHE WAGNER, MICHAEL J.
W6DHB WALLACE, LEONA
W6SVN WANDSCHNEIDER, HERB
W6AAJ3 WARD, JAMES N.
W5QQA WARNER, RUSS
K6HYHC WATT, WM. D. "BILL"
K6VEE WEATHER JR., LINDSEY "BUTCH"
N6NLV WEBER, CHARLOTTE
N6ZOR WEBER, "SCOTT"
W5HTC WEBER JR., CHARLES E.
N6GW WENZ, GORDON
W6IUS WEST, RICHARD D.
N6DCS WHEELER, DUANE W.
N6C0U WHIPPLE, BILL
N6RAO WILHELMY, LOREEN
W16B WILHELMY, RON
N7AMR WILLETT, ALLEN
W6BDB WILLIAMS, RICHARD
W6BL1 WILLIAMS, JACK
W6HCD WILLIAMS, A. NASH
K6SMU WILLIAMSON, PAUL T.
N6GUX WILLMAN, KATIE
N6UNY WILLMAN, LEX
W6RWV WILMS, WAYNE A.
W6UGG WILSON, WELSEY L.
W6AD3 WILSON, DONALD G.
N6STB WINTERBOURNE, STEVE
N6KYV WONG, DENNIS
KC6VNA WOOD, HENRY N.
K6C6P WOODBRIDGE, ED
K6C6WJ WOODWARD JR., E. J.
K6C6WJ WRAY, JOHN L. K66GE
K6H1 YACABUCCI, JAMES E.
AB6AR YOSHIDA, TOMOKAI
W3ARU ZIEGLER, PETE

NEWSLETTER HELPERS

- August 1991 SCOPE -

Members, Ads, Label, JoAshley .. KB6NMK
 Membership Data, Bill Whipple N6COU
 Billing Ad, etc, John Tentor . W6OLQ
 Folding/Staples, Jack Hanthorn KI6JM
 also provided QTH & refreshments
 Folding/Staples, Lloyd Hunt .. W6TFB
 Folding/Staples, Bill Whipple N6COU
 also roster and label printing
 Sorting Eleanore Call N6QJE
 Printing/Forms, Stan Rohrer . W9FQN

Without these people life would
 certainly be difficult. THANKS!!

If you live in the Vista area we
 really could use some extra help.

Printed 500 Mailed 474

SCOPE's are costing about 36c to
 produce and about 10c to mail.

 *** RECOGNITION of ***
 ##### (thanks) #####
 #####
 David-KC6VMR for consenting to

take over the YOUNG PEOPLE'S net on
 Saturday evenings at 7:30pm.

- BK -

Mark-AA6TR for more good pictures of
 Field Day which will be added to
 those we now have.

- BK -

John-KK6IL for the great
 schematic on another electro
 magnetic field detector. Your
 diagram is much better than mine!

- BK -

Jim-N6ZUC for the April copy of
 the STANISLAUS ARA newsletter from
 Modesto, CA., and for a copy of an
 IBM PC, XT, or AT compatible CW
 computer disk which members can
 borrow. We now have quite a few
 code programs but still need
 something for a C-64.

- BK -

Bob-N6YX for AGAIN giving the
 club a big box of goodies: phones,
 xcvs, test equipment, etc. Some of
 the items will be used in club

projects and the rest taken to swap
 meets.

- BK -

Jay-N6ZJV and Joe-N6YMD for
 taking apart A1-WA6MYC's (SK) station
 and antennas.

- BK -

Eleanore-N6QJE for helping with
 the Picnic tickets at the club
 meeting.

- BK -

Ken-N9AKB for the donation of a
 telephone answering machine which
 will be used by the club to benefit
 amateur radio ..more on this later.
 We are still looking for one more
 unit.

- BK -

Ellen-N6UWW for L.A. paper on
 Bob-WA6QQQ's well solution to the
 drought in Fallbrook (I could use
 some of that water-Ed).

- BK -



FRENCHIE

DIANE HANSON
 833-A South Main Street, #439
 Fallbrook, California 92028
 United States

PHONE: 619/723-7698
 FAX: 619/723-3518

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AROUND THE WORLD OR AROUND TOWN
 FULL-SERVICE TRAVEL PLANNING
 - N6RAO -

LOREEN WILHELMY



Patents

Trademarks

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"Mac" - W9WV

LOYAL M. HANSON
 Registered U.S. Patent Attorney
 Fallbrook 723-0620

Chief West for allowing us to use
 the CARLSBAD SAFETY CENTER for our
 August meeting. It is a great
 facility which we will try to use
 more often in the future.

- BK -

Jim-KC6PAS for sending us the
 most recent set of plans for the new
 repeater bunker and for donating to

PARC a beautiful variac rated at
 3,000 watts (22A) which we will
 probably use at the repeater site.
 Jim's plans were at the last meeting
 and we will try to have updated
 plans available for the September
 meeting.

- BK -

Bill-KB6MCU for providing the

club with additional plans and new
 ideas for the new repeater building.

- BK -

Jerry-WB6FMT for obtaining a
 donation of +5v, +12v, +15, and +24v
 power supplies from a local company.
 These units will show up as battery
 chargers and power supplies used for
 the autopatch project.

- BK -

Mike-KC6KCQ for his consent to help with problems at the repeater site on Palomar Mountain where he lives.

- P I C N I C - #####
#####

We had a beautiful day and the picnic was attended by 45 members and 8 guests although there were quite a few who did not sign-in.

Prizes were won by: Mark-AA6TR (\$100); Jack-KI6JM (\$75); Duane-WB6R (\$50); Carry-K6ICG (\$25); Micky-N6GWJ (\$25); Jo-KB6NMK (\$25). Don-N6TRS left early and lost out on a \$25 prize. Anna Moskowitz, AA6TR's daughter again fished the numbers out of the box. Anna just made it back from a summer's trip to Poland and she brought her grandfather back with her for several months and plans on doing a lot of fishing.

The DFing class was the biggest ever and after class they looked for

a hidden transmitter. Jo-KB6NMK (again) was first closely followed by Art-KC6UQH who was using a novel homemade small DF loop. Art is Chief Engineer for Ocean Satellite Systems in S.D. and showed some interest in a DFing station located on Palomar Mountain. Karl-N6WLX was third although in his enthusiasm at finding the transmitter he gave away its location. Everyone was a winner because they saw that it was possible to find signals with a minimum of equipment: no antenna, pins, and a broad beam (pun intended) for the HT in the stomach method of finding signal directions.

Duane-WB6R won the CW contest at 20wpm and honorable mention goes to Eleanore-N6QJE for copying a little bit of 15wpm.

Thanks to all who helped with the Picnic: Don-N6TRS for bringing the free punch from McDonalds in Fallbrook; Jo-KB6NMK for the McDonald punch from Escondido; Barbara-KA6FPS and Eleanore-N6QJE

for helping with the food; John-N6URW for helping with set-up, masking tape, PARC PICNIC sign, and coffee; Trevor-KB60BT for helping with the punch; and to everyone who helped me load up the truck at the end of the day. Thanks for the good food, fellowship, and a nice time at my seventh and last picnic as your president (W9FQN).

LOST: serving spoon, Paul-KB5MU.

> R E P E A T E R S, etc. <

TECHNICAL: John Kuivinen.....WB6IQS

- - TRUSTEES - -

W6NWG/R: Ron Wilhelmy ...WI6B->

146.730(-) and 449.425(-)

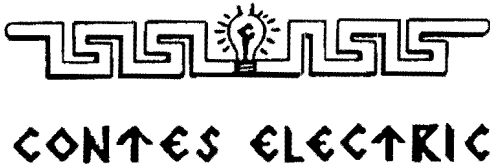
145.05(s)pkt W6NWG-1 or PALMAR

KA6UAI/R: Erik Thompson, 147.130(+)

WA6IPD/R: Art Rideout, 146.175(+)

WD6HFR/R: Ron Berger-NE6T, 224.900(-)

(All CTCSS(PL) tones are 107.2Hz)



CONTES ELECTRIC

Industrial
Commercial
Residential
Lic. # 556187

(619) 749-2699
Joseph Contogenis
P.O. Box 1560
Valley Center
CA 92082

NU6L



John-WB6IQS was authorized to buy two 450 pass cavities at a cost of \$230 but was able to buy some at a swap meet for \$20 each ..at that price we will buy some more for the autopatch system and future projects: auto-DFing, links, and



If your antenna system looks like this and you want it repaired, replaced or even removed, please call for a free estimate! Radio Systems, Installation, Repair and Removal, Interference Resolution

Edward Ross

542-1405

Antenna N6GZI

Specialties

ATV. Thanks John for keeping an eye out for bargains.

- BK -

Last month the repeater site used 588 KWHR and last year 479 KWHR for an increase of about 4%. The last electrical bill was \$63.63.

FARMERS INSURANCE GROUP
OF COMPANIES
Agent

TIM HOY -KI6GI-



AUTO FIRE
LIFE COMMERCIAL

619-466-9770
8911 La Mesa Blvd., Suite 103
La Mesa, CA 92041

- BK -

REPEATER RULE #9: Those who complain the most about a repeater's operation are usually those who do not support the repeater by being a club member or help with the repeater site maintenance.

- BK -

(7-7)John-WB6IQS and Joe-NU6L surveyed the repeater bunker and battery shed for electrical wiring that needs to be completed this summer. John made a report to the executive committee who then approved the proposed work.

(7-13)Stan-W9FQN went to the bunker to make measurements and add 2.3gal of distilled water to the 3,300Ahr battery bank (14-350lb batteries) which brought their level just up above the "low" mark. A visit was made to the QTH of Jim-KC6PAS and Diane-KC6PAP where we looked at Jim's HP drawing of the new bunker and Diane served some delicious cold tea which really hit the spot.

(7-26)Joe-NU6L, Stan-W9FQN, and Brandon-(no ticket) went to the site to add double breakers to the distribution box and to locate space for the new autopatch link equipment. Afterwards we all went to visit Mike-KC6KCQ at the Observatory and got a free ride on the dome.

Our repeaters in the PARC bunker on Palomar Mt. at 5,600' cover 2,000 sq.mi. of SD.Co. and 100+ miles out to sea. It is club policy that these repeaters are open repeaters FOR CLUB MEMBERS AND OCCASIONAL TRANSIENT USERS with the AUTO PATCHES being ONLY for club members. Be FRIENDLY to those that you talk to, and INVITE them to support the club with their membership since they are using the repeaters in the PARC bunker. You can check their membership in PARC by asking them if they have seen something in the most recent SCOPE.

A U T O P A T C H E S on 147.130
KA6UAI/R: Erik Thompson KA6UAI
ENCINITAS + surrounding towns
KA6UAI/R: Jerry Houser WB6FMT
VISTA + the surrounding towns
KA6UAI/R: Dennis Vernacchia N6KI
SAN DIEGO, activated Fall of '91?
KA6UAI/R: Kerry Banke N6IZW

LA MESA, activated Fall of '91?

A U T O P A T C H on 146.175
WA6IPD/R: Art Rideout WA6IPD
FALLBROOK + surrounding towns

For specific information on the autopatches please contact W9FQN, WB6FMT, WA6IPD, or KA6UAI.

- BK -

For ALL autopatches say-

"	BK	-	BK	..	BK	"
*XY	(749-0276)	talk			N6YZZ	
(tone)					CLEAR	
N6YZZ					PATCH	
ACCESS PATCH					(tone)#XY	



The " " in example above indicates your "push-to-talk" pushed and "XY" is obtained from a club officer or de your personalized address label on the front of YOUR SCOPE.

The Vista WB6FMT autopatch averages 3.6 calls/da with each call averaging 1min and 16sec. The Encinitas KA6UAI autopatch averages 1.6 calls/da with each call averaging 1min and 24sec. Please try to keep the phone calls short ..possibly less than 60 seconds. Chit-chat is for the ham bands. Not PARC autopatches.

Jerry-WB6FMT's projected time table is as follows:

SEPTEMBER: Testing of NEW Vista patch on 146.(7)30 and 449.(4)25 repeaters using new codes. If you are interested in helping with the test, get the new codes from WB6FMT or W9FQN. If the NEW autopatch is functioning properly, the old Vista patch, *02, will be moved to the La Mesa area using *03.

OCTOBER: Testing of NEW MIRA MESA patch on 146.(7)30 and 449.(4)25.

NOVEMBER: Testing of NEW LA MESA patch on 146.(7)30 and 449.(4)25.

JANUARY: All OLD patches closed down and all repeaters using the new autopatch system with new codes and with the old patches being held in

reserve.

You will be furnished with maps and prefix lists as the patches are put into operation.

The autopatches on 147.13 will functioning as they have in the past and they will remain in this mode with the same codes until the new autopatches on 146.73 and 449.425 are functioning properly. Remember, these autopatches are constructed by Jerry from scratch and need to be checked out before being placed in general use by all of our repeaters.

In September we will be testing on 146.73 a new autopatch in Vista which will cover all of the same numbers covered by the 147.13 autopatch. If the test proves successful, we will delete the Vista patch on the 147.13 repeater for several months or so starting in October and substitute La Mesa patch temporarily using *03. At that time there will be NO outlet into the Vista area on 147.130. You will have to access Vista through the 146.730 or 449.425 repeaters.

If you hear an autopatch in operation on 146.73 or 449.425, please feel free to start using the autopatch on those repeaters but remember that their outlet is only into the same areas covered by the present 147.13 Vista autopatch. You will also have to pick up the NEW CODES (they are different) from Stan-W9FQN or Jerry-WB6FMT although the new codes will start to appear on the October newsletter address label. At that time we will discontinue printing the old codes for 147.13 and start printing the new codes for the new system.

Use the OLD codes on 147.13 until that repeater is tied into the new system sometime in January. Use the new codes published in October for ONLY the 146.73 and 449.425 repeaters. We hope that by January sometime you will be able to access all areas of San Diego from our autopatches.

REPEATER

WANT A CHEAPIE?

BALUNS



For beams 3-30 MHz, 6 Kw PEP 1:1 or 4:1 ratio. Model BA-2000 \$89.95



For rhombics, etc. 6 Kw PEP 2-30 MHz, ratios from 1:1 to 12:1. Model MB \$165.00.



For dipoles 3-30 MHz, 6 Kw PEP 1:1 or 4:1 ratio. Model 2K \$84.95



1.7-30 MHz, 3 Kw PEP, 1:1 or 4:1 ratio. Model 1K \$49.95.



1.7-30 MHz, 350w PEP, ratios from 1:1 to 16:1. Model PB \$29.95.



For high SWR applications-tuners, multiband dipoles. 2 Kw CCS @ 10:1 SWR, 1.7-30 MHz, 1:1 or 4:1 ratio. Model SB \$79.95

Add \$4 shipping/handling in U.S. & Canada. California residents add sales tax.

SWR & POWER METER



Model M-835 SWR & Power Meter \$199.95 + \$4 to ship U.S./Canada. For 12v DC, Model PB-85 AC adapter \$16. California residents add sales tax.

PALOMAR ENGINEERS

BOX 155 ESCONDIDO, CA 92033
Tel 619/747-3343

Some autopatch users are calling home and YOUR answering machine TALKS TOO LONG. If you call home a lot, please consider re-programing your answering machine to say, "Please leave a message after the tone." Answering machines are so popular these days that almost everyone knows: 1) your not home or can't come to the phone, 2) the person they called, and 3) that they should leave their name and number if they want you to call back. We really should not have to listen to 40 seconds of answering machine only

for you to leave a 10 second message that you are "late coming home."

- F O R S A I L
#####



(8-23) Yaesu FNB-10 battery \$10;
Yaesu FTT-4 TTPad for FT-23/73 \$10;
Jerry-WB6FMT-758-4388-Vista.

- BK -

(8-22) R.F. Labs GM solid state amp mod V76 (120w out) \$250; Yaesu FT-726R 2m + 6M + 430 & satellite xcvr YM-48 mic, spk console audio filters, SP-102, ex cond \$1,250; E1 Key paddel \$30; B&W sw mod 594 \$20; Hustler Fiberglass mast 54" \$20; mobile bumper mt w/ball-spring \$30; Ten-Tec Mobile ant mod 3101 15M \$20, mod 3100 20m \$20; Hustler resonator RM-75 new cond \$20; Krist-W6KTE-941-3555-Vista.

- BK -

Tubes for sale ..all kinds ..all sizes ..part of PARC tube yard: Larry for PARC-KC6PEN-439-4109-0csd.

OTHER PARC ITEMS

Tubular tower \$100; Kenwood TM-TS-700(SP) service manual \$2; Ringo Rangers, 2m, & 220; tri-band beams; 2m 3el beam \$20; headphones (assorted); microphones (assorted); Vic 20 computer w/monitor, recorder & programs; Heath Daisy wheel printer; crystal frequency markers; frequency counter; and assorted goodies: PARC-Hillside-Electronics-W9FQN-749-0276-VillyCtr.

- BK -

(8-17) Kenwood MC-85 Desk mic w/equalizer \$75; B&W VS-300A HF 300w ant tuner \$70; Tempo One 100w HF xcvr \$150; 1991 ARRL Handbook (used) \$21; Duane-AA6EE-789-3674-Ramona.

- BK -

(8-14) 12v gel cell batteries (YUASA) guaranteed like new (great for emergency use with HT or public service events) \$5/ea and lots of tubes: Mike-KC6KCQ-742-1573-Palomar Mt.

- BK -

(7-30) Icom 02AT (inspected ICOM), BP8 Bat-pack + wall chg, BP4 pk w/bat charger, DC cord + manual

\$275; Butternut "butterfly" beam w/manual \$50: Paul-KA6PPD-726-1657-Vista.

- BK -

(7-27) mint mod YH55 8ohm Yaesu headphones: Dan-WA6HYB-433-4445-0csd.

- BK -

(7-24) recently acquired old radio manuals w/schematics of all radios 1930-34 ..will share info; 200 series tubes, '32 Official Radio Service Guides Vol#2-4 '31-34: Joe-W6HLB-619-757-1272-0csd.

- BK -

(7-12) Tempo-1 xcvr 80-10m AM-CW-SSB 100w gud cond w/pwr spkr + Yaesu mic, 15m dipole + bauln, 100' RG-213 coax \$250: Mark-AA6TR-944-0145-Carlsbad.

- BK -

(7-4) 700' RG-8 52 ohm coax 30c/ft: Jim-KA6OLZ-434-2722-Carlsbad.

- BK -

(7-4) Complete HF home/mobile (almost antique); Gonset GSB-100; GSB-101 Amp 1.2KW; Hallicrafters SX-111 rcvr; Heathkit LHW-32 20m xcvr w/DC PS repairable & HP-23 PS ALSO POWERS GSB-100; non-mint; discount to seniors or juniors; reasonable priced to good home; extra tubes; be only ham on ur block to own such gear: Jack-KI6JM-598-0420.

- BK -

(6-29-) Commodore 1526 printer, 1541 disc drive, C64, pwr supply, PK64 with HF modem, manuals, programs, like new \$285: Joe-NU6L-749-2699-Valley Center.

- BK -

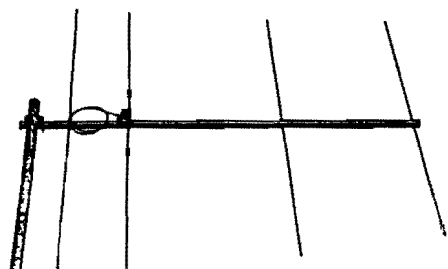
(6-23) Like new Kenwood mobile (used as a base) TM-2570 5-70w 2m FM xcvr with mic, digital coded squelch (DCL), PL's, telephone number memory, call letter transmission & reception, and a cute little Japanese lady who has been taught to speak the frequency in English (MC-42S, MU-1, TU-7, & VS-1) \$450 (new \$900+) (converting to dualbanders): Stan-W9FQN-749-0276-VC. (Seventy watts will help fill in those transmitting mobile "holes" in south county.)



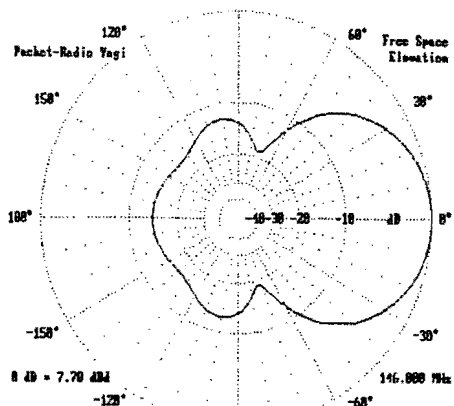
(6-16) ~~Hustler mobile mast 75-40-20-15-10 resonators \$98~~; 2m 3el beam \$15; 35' tubular crankup mast for big beam (needs cable); 3-el hy-gain 3-band thunderbird beam (needs some bolts) and other items too numerous to mention: Stan-W9FQN-749-0276-VC & Duane-WB6R-753-4821-Cardiff for Doug-WA6SVN.

- BK -

Two Meter Yagi Great for Packet Radio or FM



Measured gain 7.5 dBd
H-Plane beamwidth 60 deg.
Bandwidth 144.5 - 147.5 MHz
SWR < 1.7 at Band Edge
Impedance 50 ohm
Silver Plated Teflon SO - 239
Maximum power 500 Watts
Chemfilm treatment on brackets
Balanced Matching System
Two Part RTV Plotting
Black Delrin Insulators



Swiech
Communication
Systems

Gene Swiech
(619)748-2286

WB9COY

(6-10) 20->40' crankup-fold-over tubular mast for tribander \$200:

Phil-WF6L-757-7008-Oceanslide.

- BK -

(5-27) 21' vertical antenna 18AVT-WB (wide band) 80-10m 52 ohm \$75; 1w AM BC xmtr can be converted to 160-40m, schematic, case, meters, mic, used as PA system in hotel, \$50: Ray-W6BHF-487-4423-Poway.

- BK -

(5-4) 50' Rohn TOWER 56H (non-tubular): (Past PARC Pres) Ed-N6GZI-297-7758-S.D.

- BK -

(4-22) Corsaire II Ten Tech xcvr 80-10m 100w 4yrs old, \$\$\$; and other HOT items: Felix-N6IE-277-8587-SD.

- BK -

(4-18) HEATHKITS SB-221 HFamp 1KWw 2KWssb w/manual \$225; IG-102 RF SigGen 100KHz-220MHz w/man \$35; EICO 232 VTVM w/man \$35; CHUSHCRAFT 10-3CD 3el 10m beam w/man \$65; ASTATIC D-104 mic w/stand and amp inop. \$25: Eric-XE2/KB6EP0-82-02-83-Tijuana, WANTED-TRADE for R-5 vertical ant.

- BK -

(2-15) Nicholas Andree of HIWAY COMPANY, intersection of Wisconsin and Hill streets in Oceanside is back in business and wants to sell off all of his electronic goodies as soon as possible. No reasonable offer will be refused. Nick indicates he will also donate 10% to PARC from items sold to amateurs. Here is your opportunity to really get some good "deals" and help the club too. It would be good to give Nick a call at his home first, 967-7225, to make sure he will be at the store. Nick has been giving PARC some great deals.

- BK -

***** WANTED *****
C-64 morse code program for member's use and for sending code practice on the Wednesday evening code practice net: PARC-W9FQN-749-0276.
Small tape recorders (3) for autopatch project; need old THOMAS Bros map books to be used to construct direction finding maps of San Diego Co. especially pages 400-409: PARC-W6NWG-W9FQN-749-0276.

- BK -

(8-17) 2m 20w mobile xcvr & 2m hand-

held for upcoming trip: Duane-AA6EE-789-3674-Ramona

- BK -

(8-16) German Shepherd dog or ferocious watch dog with long teeth: Stan-W9FQN-749-0276.

- BK -

(7-26) want 2m beam 8el or larger and 7Amp or greater 12VDC pwr supply: Lee-NOLYW-586-1111-SD.

- BK -

(7-22) Just received license and want older 2m mobile rig: Bill-KC6Y0X-729-6787-Carlsbad

- BK -

(7-4) In 1951 I was the "fist" on 3 code albums made & marketed by Electronic Tech. Inst. in LA. "Loaned" my set ..never got them back. Would like to locate some of these records (copy/buy) for sentimental reasons: Floyd-1545-Raymond-Ave-Glendale-CA-91201-818-242-8961.

- BK -

(6-18) 2m xcvr, HF mobile ant, digital voltmeter, Heath QRP xcvr; monoband beams; HF xcvr for Novice: Duane-AA6EE-789-3674-Ramona.

- BK -

MEMBERSHIP

Membership for 1990-91 topped 449+ members which is a new club record. Our best was last year at 400 members. Thanks to everyone who has been feeding me names of those interested in PARC. We order 25-30 extra SCOPES each month and they all seem to disappear to the extent that I am now mailing out surplus April '90 SCOPES to prospective members with Dennis-N6KI forwarding me the most names.

RENEW: Joe-WB6HMY, Chuck-KI6TG, Mike-KC6RSF, David-W60VP, Terry-K3PXX, Gene-KC6HPY, Janet-KC6GFY, Duane-AA6EE, James-N6LWTE, Leo-N6TUR, Ed-KB6RIW, Steve-KB6GKE, Bob-W6VVU, Gerry-KC6BJM, Don-W6NQZ, Louis-KG5FR, Phil-KC60EI, David-KC6NSA, Herb-WA6SVN, Lou-ND6W, Art-W6INI, Ted-KU1Y, Al-W6FXL, Curtis-N6XXU, R.F.Krist-W6KTE, James-K6HZ,

Louis-N6CKQ, Rob-LWA3HV, Jim-KH6CN, Bor-N6DUR, Billy-WB6TBQ, Herb-N6QWE, Mitch-K6UL, Mike-KC6BHE, Jerry-W6&YLLA, Ed-K6II, Nash-W6HCD, Bob-W6TBA, Pete-WB60BH, Ron-W6TXK.

TWO YEARS -> Larry Larison-W7HKI(2.5yr); William Kane-W6LWM; Dick-KC6QBD; Scotty-KH6TL; Warren-W6EYP; David-AA6KY; Joyce Shettel-KC6TLW.

THREE YEARS -> Lane-KC6AST.

NEW: Jerry Safford, WA6KIN, SD; Dave Urban, N6PBQ, SD; Robert LaRose, N60JLZ, Escondido; Gene Swiech, WB9COY, Poyay; Marvin Teach, N6KVO, Escondido; Cherl Edwards, KC6TPS, SD; Doc O'Connor, KC6RNV, Ramona; Philip Mondala, AH6CW, SD.; Chuck-KC6YOW; Scott Earl-KC6WRI; Jeannie Earl-KC6WRI.

NEW CALL: "PJ" N6UCJ to N7QGH.
NEW ASSOCIATE: Richard Tullis.

CHANGED: Ron Miely now KC6YLA.

SCOPE: Ver1-WB6EOT.

MOVED: Dora Tuttle, KE7DR, 605S. 4th St, Buckeye, AZ 85326-3241.

INTERESTS: Jerry-WA6KIN a pilot; Gene-WB6COY building beam antennas; Duane-AA6EE DX contests; Jeff-N6WDN HF DX; Francis-KC6UGQ new, lots to learn; Larry-W7HKI fishing, RTTY, DX; William-W6LWM HF; Trevor-KB60BT radio control, flying, sailing, off-roading; Ed-W60YJ microwave, VHF/UHF, DXing, packet; Henry-N6PRC photography; Duane-AA6EE DX contests; Scotty-KH6TL EVAC, CAP; Ed-K6II golf; Cherl-KC6TPS Animal Rescue Reserve - how about a program sometime??; James-KH6CN RTTY; Rick-(waiting) Satellite; Harry-KE6ZR has a great QSL card; Gary-N7AS working on his second 97 years!

C A M E O Guys and Gals ###
de [REDACTED] - [REDACTED] ###
#####

"FRANK" CASSEN ..N6AT ..born March 6th, 1904 ..1st licensed 1950 ..other calls W6DZU, W4WBK, WN4SBK ..extra class ..Vice Dir. Delta Div 12yrs ..Charter Life member ARRL ..formerly de Memphis, TN ..visited many countries aboard cruise ships ..likes travel and billiards ..best

DX Indian Ocean, Maritime Mobile ..favorite band 10m ..schedules held VHF nets, Mission Trail Net, and Traffic Nets ..and member of ARRL, QCWA ..would like to see PARC have an "Honorary Membership" classification which denotes service to PARC, ARL, and continuous PARC membership of at least 20 years.

Good Luck Frank ...we expect you to be around for another 87 years!

F O R N E W H A M S ###
(and some old hams)

When you need to identify don't say "N6YZZ for identification." "For identification" is not needed since your call (ie N6YZZ) IS YOUR IDENTIFICATION! On PARC repeaters, identify on your FIRST transmission and then every ten minutes or less after that.

- BK -

Please do not make a call started with a string of touch tones to attract attention. It probably is not the attention you want!

- BK -

Anyone wishing to add to this section of the SCOPE should send their material or ideas to the temporary editor.

< P A R C V E T E S T I N G >

FCC LICENSE EXAMS in N.County are conducted by the PARC VE Team at the Carlsbad Safety Center in Carlsbad (Camino Real -> Faraday, 14F6) on the 2nd Sat. of the month at 1000 Hrs. Walk-ins are not encouraged. FCC 610 forms are available from Jo-KB6NMK at PARC meetings or from the FCC office in Kearny Mesa, 4542 Ruffner, 467-0549.

REPEAT! AUGUST VE EXAM WILL BE AT CARLSBAD SAFETY CENTER. NO PARC EXAM IN SEPTEMBER BUT WE WILL BE IN CARLSBAD BEGINNING IN OCTOBER.

Other SANDARC-VEC exams: 1st Sat.El Cajon, 3rd Normal Heights, 4th Chula Vista, & last Escondido ARS at Blind Center, 157 E.Villy Parkway.

Applicants must send a SASE

(Self-Addressed Stamped Envelope), a completed, signed FCC Form 610 (NO PHOTO-COPIES) and copies of license(s) and certificate(s) of successful completion, if any, to SANDARC-VEC. PO Box 2446, La Mesa, CA 91943 10 days B4 the test date. Bring ORIGINALS of licenses & certificates. Questions: call SANDARC 465-EXAM.

AUGUST 11th

NONE->NOVICE: Ted Storke.

NONE->TECH: Dan Beggs, Thomas Gocke, Susan Griffin, Thelma Schlieder, & Mike Thorpe. NONE->TECH+: Thomasan Shaw

NOVICE->TECH: Ryan-KC6QGW, Elmer-KC6UAV, Larry-KC6MUH, & Larry-KC6VYD.

NOVICE/TECH->GENERAL: David Dumlao-KC6NSA.

TECH->ADVANCED: CHRISTOPHER D. ALLEN-KC6QOJ 13yr old.

GENERAL->ADVANCED: Charles-KC6TYA.

CERTS ONLY: Adnrew Frohreich(2), Ron Kizer-N6SKM(3B), Richard Mirdas-KF6RX(4B), & Jennifer Thieme-(pending)(1A).

VE TEAM: Steve Grant-N6RUV, Sam Burdette-W6YYV, Rob Rice-KS6S, John Kolb-KK6IL, Mark Moskowitz-AA6TR, Jack Hanthorn-KI6JM, & Bob Chantrill-KE6VX.

de A A 6 O M, Rusty Masse
747-5872, 1249 Nordahl Rd, Esc92026
THESE HAMS ARE DOING A GREAT JOB WITH THE VE PROGRAM AND DESERVE THE THANKS OF ALL CLUB MEMBERS! If you can help in any way, please contact Rusty.

G E N E R A L N E W S ###
#####

The Palomar Mountain Volunteer Fire Department is holding their annual BARBECUE, Saturday, August 31 at the Gus Weber Picnic Area on the Observatory Grounds: great PIT BARBECUE BEEF and all the fixin's. Adults \$7 and kids(<13) \$3 starting 12pm till 4pm. Over \$4,000 in donated prizes. Tickets \$1 each.

For info call 742-3447.

- BK -

A1-N6GNB has been appointed RACES station manager and Area Coordinator for the Escondido, Fallbrook, Pauma Valley, Poway, Ramona, San Marcos, and Valley Center areas. Please contact A1 if you want to become a part of the RACES organization in his area: 741-1840 Escondido. A1 has been thoughtful enough to send me copies of emergency information which he has been receiving and some of it will be placed in the SCOPE on a space available basis.

The Coastal area consisting of Carlsbad, Del Mar, Encinitas, Solana Beach, Oceanside, and Vista is under the direction of Dee-N6ELP (non-club member). The new Assistant Radio Officer in SD Co. RACES is Ben Green, WD8CZP,

Cities served in North County are:

Carlsbad Fire Ch	J.Thomp.	931-2141
Carlsbad BatChief	J.West	931-2133
Del Mar Fire Ch	L.Jones	755-1522
Del Mar DivF Ch	J.Baker	755-1522
Encinita Fire Ch	R.LaMarsh	944-5007
Encinita AdDep	S.Marvin	944-5027
Escondid Fire Ch	B.Watts	741-4701
Escondid DisCord	N.Hobbs	741-4701
Poway DirSafS	M.Sanchez	748-6600
Poway AdmFBat	G.McPhers.	748-6600
SanMarco Fire Ch	H.Townsen.	744-7200
SanMarco DisCoor	K.Treppa	744-4020

SanDiego Fire Ch J.Delotch 533-4301
SanDiego Bat. Ch G.Stepano 533-4350

A1 has a complete listing of all Emergency Services in the county.

- BK -

The FCC announced in July that the US and Mexico have concluded a reciprocal amateur radio licensing agreement but we are still awaiting the FCC announced procedures and rules for obtaining reciprocal permits.

- BK -

Shannon-KC6NRB operates a telephone BBS (Named: Yet Another BBS) in Escondido with a phone number of 738-5132 and it has a sub-directory for amateur radio. If you live in north county, you might give

him a call and check the BBS out. Other amateur radio devoted BBS's are Radio Sport, 279-3921, and Sabaline, 692-1961. You might check these out also since Dennis-N6KI has updated PARC information on these BBS's. If there are any other BBS's that we should know about, please let Dennis know about them.

- BK -

Novices on 220 are limited to 222.1-223.91 MHz but the ARRL is pushing for full access: 222-225 MHz.

N E T S

The young people of San Diego County are operating a net on 147.13 on a "trial basis" each Saturday at 7:30pm. They are also operating a net on 28.39 (+or- QRM) SSB, Thursday evenings at 8pm for young people in S.D. Co. and throughout the USA when the band is open. David-KC6VMR is net control of both nets although he has appointed Chris-KC6QOJ and Nicole-KC6YZP as alternates for the two meter net. We wish them luck with these new nets.

Their first net consisted of David-KC6VMR, Scott-KC6WRK, Chris-KC6QOJ, and Tony-KC6QHP. They were surprised with some "3rd party" check-ins of Lyle, son of Sherry-KC6RQW and Beth(12), daughter of Mike-KC6KQC.

Chris, whose Novice license was lost "in the mill" for many months is really running through the Ham licensing exams: Novice, Tech, General, and now Advanced. Not bad for a young ham who just recently received his Novice license. Mark-AA6TR was the one who got Chris's Novice license back "on track."

PARC is still open to having a SPANISH net on one of the repeaters. The FCC has indicated that in the near future they will be publishing rules on the new reciprocal licensing agreement with Mexico. When that happens we will probably see more XE's using our repeaters while traveling north and we will

have more opportunity to use theirs while traveling south into Mexico. The 146.730 repeater is open on Friday and Saturdays at 2100Hrs (9pm) and the 147.130 is open every evening at 2100Hrs.

- BK -

Net report for July de Joe-N6RV0. There were 11.3 average check-ins with 5.6 messages per session. The high was 24 messages in one session. Participation: 7 net control stations, 3 alternates, 3 SCNV stations, and 24 members on the roll call list. Thanks for a job well done.

- BK -

146.73 WEEKLY EVENTS

1 M->S 2000 S.D.Co Traffic Net
(except 1st Wed club meeting)
MON 2100 Microwave Net: N6IZW
TUE 2100 Pkt. Voice Net: KB5MU
WED 2100 Code: W9FQN, N6NZX
THU 2100 Ham Help Net: KC6PEN
SUN 0830 PARC EmergServ: KB6NMK
SUN 1000 Sailboaters: AA6TR
SUN 2100 ARES Planning: WD0DLW

147.13 WEEKLY EVENTS

SAT 2030 YoungPeople Net:KC6VMR
M-S 2230 King Henry FacetiousGp

OTHER NETS

MON 1930 RACES Net on 147.195
THU 2000 Young People'sNt 28.35

DISCLAIMERS

Meetings at LINCOLN MIDDLE SCHOOL are NOT a function of the Vista Unified School Dist. & are NOT sanctioned by the school Dist. Board of Trustees. See!

Unless specifically stated to be club policy, opinions and statements set forth herein do not necessarily represent club policy even though the president is the temporary Editor. Nor do they necessarily represent the opinions of the authors on other occasions or under different circumstances. The Editor further disclaims any knowledge of anything - real or imaginary. Verily.

You can copy anything out of the

SCOPE you want as long as you give credit to THE PALOMAR AMATEUR RADIO CLUB, Inc., and author(s).

 *** CORRECTIONS ***
 #####

AUGUST SCOPE:

EXCUSE ME!

Field Day pg 9: 6,327 were the QSO pts in '91 and the total number of CW-Phone QSO's were 4,422.

SK pg 3: due to an error in the adjustment of my bi-focals late at night while looking at the alphabetical club member listing, N6YMD, Joe Lepine's name got typed in instead of WA6MYC, Al Levon. Joe was at the August meeting and assured us all that "the rumors of his passing were greatly exaggerated." Received a nice card from Mercedes Levon thanking the club for the friendship shown to her husband by PARC members.

 < ARRL SECTION MANAGER's REPORT >
 de Art Smith, W6INI

DEPT of FORESTRY's RED FLAG PATROL

How did the Amateur Radio Emergency Service (ARES) become involved with the California Department of Forestry's Red Flag Patrol?

At a SANDRA meeting in June, 1976, a program was presented by the San Diego Ranger Unit Fire Prevention Chief, Doug Allen. This was CDF's introduction to Amateur Radio and vice versa. Chief Allen pointed out the need for volunteers with reliable radio communications to patrol critical areas during Red Flag Alerts.

The Red Flag Patrol is a fire prevention program which is implemented when weather conditions present an EXTREME FIRE HAZARD in the wildland areas - usually occurring during Santa Anas when hot weather, low humidity, high northeasterly winds, and low fuel moisture exist. Patrol objectives are to: (1) identify and report situations that may cause fires,

(2) serve as a deterrent to arsonists, (3) report fires in their incipient stages, and (4) after reporting, extinguish very small fires. The occurrence of fires, whether major or minor, do not necessarily signify the need for Red Flag Patrols. It is determined by severe weather conditions. Patrol routes are in the Ramona, Lakeside, Harbison Cyn, Alpine, Fallbrook, Escondido and Valley Center areas.

A week after the June meeting, the first call came to assist CDF with special Red Flag Patrols in the Santee/Lakeside area after a series of arson fires had plagued the area for several days. For four days, with temperatures over 100 degrees, operators covered the area by ground and air. Fires continued intermittently throughout the period, but on the fourth day, Bob Frye, W6JWU, spotted the arsonist. CDF fire prevention officers immediately surrounded the area and arrested the culprit.

Since then eight to ten patrol routes have been covered regularly during each fire season.

If you like action, this program is for you. Volunteers must be over 18 years of age and will be registered in the Volunteers in Prevention (VIP) program. When assigned by a CDF official to Red Flag Patrol, they become volunteer employees of the State of California with workers' compensation protection. Patrol vehicles must have two persons - driver and observer. Only one needs to be a licensed Amateur Radio operator (Tech or higher) with 2-meter or 220MHz 25w mobile in vehicle (no HTs!). The second person may be unlicensed or hold a Novice Class license. Here's a chance to get your spouse or a friend involved with you. Classroom and/or on-the-job training is provided.

In the past, the headquarters stations (at Monte Vista) required the assigned operators to bring their own equipment. Recently the Amateur Radio Club of El Cajon

provided a 2-meter radio and SANDRA a 220 radio which could remain at the headquarters facilitating operation.

The coming fire season is expected to be severe and it takes a good many operators to sustain operations over several days. There's room for you! Contact me at 273-1120 or on 146.265(-) at 1900 Sundays to sign up.

 *** TECHNICAL / HAM HELP ***
 #####

The ARRL suggests that you connect all 12vdc equipment using MOLEX series 1545 connectors so that VHF/UHF equipment can be changed easily. This connector is rated at 25v @ 8A using #18 wire or greater. Install a fuse as near to the battery as possible. RADIO SHACK stores carry the connector, #274-222 at 99 cents/pair.

R F I

Eliminate RFI and ground loops with copper flashing as a ground buss. Also copper braiding from RG-213 or RG-8X works well. Each item gets its own SHORT ground strap. Use brute force A.C. line filters. Wrap eight turns of A.C. line cord around Amidon #FT-240-1240 ferrite core or equivalent. Use A.C. surge protectors with metal-oxide-varistors and .22 microfarad capacitor(s). Use a low pass filter before the amplifier and after the amplifier. PL259 connectors must be soldered. Use balun to reduce coax radiation. Do not overdrive your amplifier and use only the power needed to maintain the contact. (de B111-KB6MCU)

- BK -

Please send items for this column to the temporary editor, W9FQN, and they will be used on a space available basis. Don't forget the Thursday evening HAM HELP net run by Larry-KC6PEN and crew if you have questions on amateur radio. Someone checking in on the net should be able to help you with your problems

or they will try to find someone to help you.

CONSULTING EXPERTS

(found on 146.730)

KB6MCU: ElCajon, Ham Radio Classes
 W6TXK: MiraMesa, Ham Radio Classes
 W6FGE: PtLoma Theory/Code Classes
 KB6NMK: FCC 610 Forms at meetings
 W6INI: ARES; ARRL; Fire Patrols
 W00DLW: ARES Encinitas->San Marcos
 KC6CZO: ARES Escondido, N&E. of I-15
 WB6FMT: Autopatches and 450 Equip.
 Flying instructor, FM Deviation
 KB6NMK: Direction Finding Info.
 KC6PEN: Ham Help NetThur.Eve; Tubes
 FM Deviation
 WB6IQS: Heathkit; Motorola; Rpters
 KB6MCU: Interference; Filters; ATV
 FCC, Antennas (HF/VHF/UHF), towers
 W9FQN: Mexican License; Nicads

N6IZW: Microwave; Test Equipment
 KI6RF: Mobile noise filtering
 N6RVO: National Traffic System
 W60LQ: Ping Pong; Badges; HP Plot
 KB5MU: Pkt; Satellite; Computers
 voic packet net TueEve
 N6UWU: Radio Controlled Airplanes
 N6KI: Swapmeets; Used Equip\$ Est
 2m J-pole Ant
 ND6W: Test Equipment, Programming
 AA60M: VE Testing: Tests/Helpers
 WA6HQM: 10 meter 10-10 Club Infor
 WQ6V: Cable TV problems; Coins
 WD6FWE: C-64 computers-> Commodore
 AA6TR: Sailing / Boating Antennas
 N6TEP: U.S. Coast Guard Auxiliary
 Check ad sections for professional help on radio repair: N6GZI (antennas), KC6PEN (equipment repair), and HR0. If you would like

to have your call added to the list, contact W9FQN with your speciality area.

 > P O T P O U R R I <

HAM STAMP PINS: Replica of ham postage stamp, \$5. Contact an officer at the next meeting.

- BK -

OFFICIAL CLUB BADGES: see John Tentor, W60LQ, mtgs or 672-3891. John is so efficient at making these badges that they only cost club members \$1 and he does them between ping-pong matches while plotting on his HP printer.

- BK -

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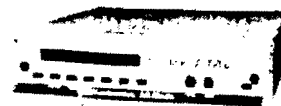
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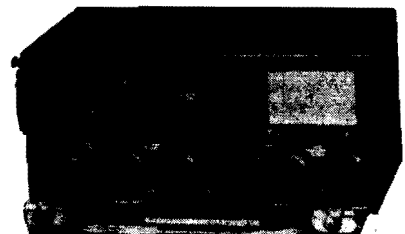
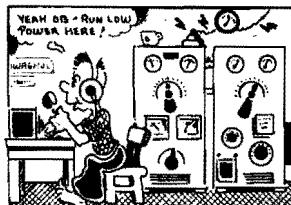
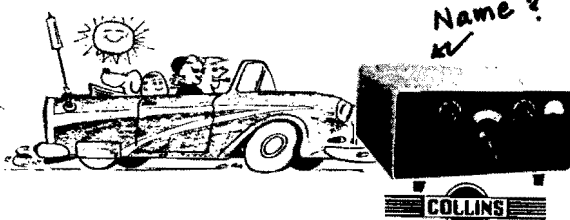


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PARC APPLICATION

Membership chairwoman: Jo Ashley, K B 6 N M K

Total = - - -> \$21 \$15.75 \$14 \$12.25 \$10.50 \$8.75 \$7 \$5.25 \$3.50 \$1.75 \$21

Call	Name			
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Expires	Address			
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Old Calls	Home Phone #	Work Phone #
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Names & call of family members in PARC

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Membership Information

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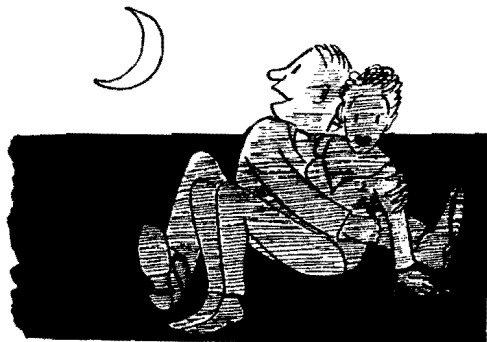
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"Uh, oh, it's time for my 2 meter sked."

